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NORTHERN SEED

Co.

VALLEY CITY, N.D.

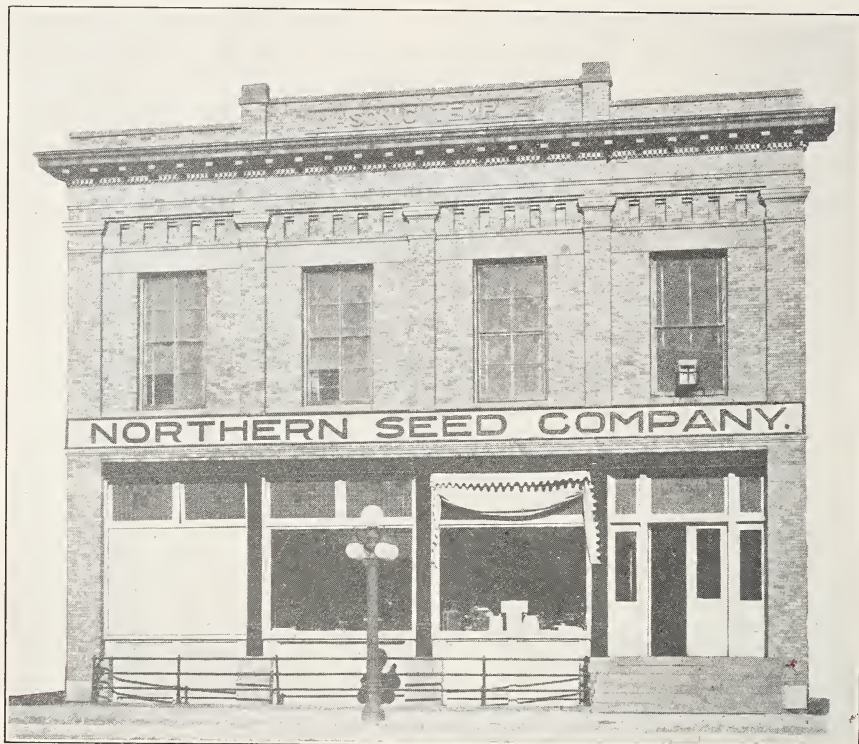


PHLOX
FINEST MIXED

Catalog
1918

A. P. PEAKE, PRESIDENT
C. W. NELSON, TREASURER

A. B. COX, VICE PRES. AND MGR.
GEO. D. KELSEY, SECRETARY



To Our Friends and Customers:

It is, indeed, a pleasure to hand you our 1918 Catalog. We wish upon this occasion, to express our hearty thanks for the support our customers have afforded us, both by ordering our seeds and urging others to plant them. To these two factors we attribute our 1917 business being the largest we have ever enjoyed.

The United States is being called upon to furnish the major portion of all the food stuffs consumed both at home and abroad. If we eat more vegetables, fruit and poultry, wheat and meat can be exported, thus helping to win the war by feeding the boys at the front who are sacrificing so much for humanity.

Our policy has been and always will be to sell only such seeds as are of known worth throughout the Northwest, and at a price consistent with quality.

Upon this basis we solicit your seed business.

Yours truly,

NORTHERN SEED COMPANY.

YOUR 1918 GARDEN

USE THIS PAGE TO KEEP A RECORD OF YOUR GARDEN. YOU WILL FIND
IT CONVENIENT TO HAVE ANOTHER SEASON

	Variety	Planted Date	Date 1st Used	Grown Amount	Value Crop
Beans					
.....					
Beets					
Cabbage					
.....					
Cauliflower					
Carrots					
Citron					
Corn					
.....					
Cucumbers					
.....					
Lettuce					
.....					
Onions					
.....					
Parsley					
Parsnips					
Peas					
.....					
Radishes					
.....					
Salsify					
Spinach					
Squash					
Tomatoes					
Turnips					
Rutabagas					
Watermelons					

VEGETABLE SEEDS

ASPARAGUS

(2 oz. to 100 feet of row—4 lbs. to the acre.)

Culture—Plant seeds early in the spring in rows. Transplant the next spring to a permanent bed. An ounce of seed will produce from 300 to 400 plants

Conover's Colossal—One of the popular green sorts which is very extensively grown. The shoots are a bright green with a purple tip, very tender and delicious. Price: Pkt. 5c; oz. 10c; ¼ lb. 40c; pound \$1.00. Postpaid.

BEANS

Best Known Varieties

(1 qt. to 100 feet of row—1¼ bu. to the acre.)

Beans were almost a total crop failure last season, early frosts caught the crop before it was fully matured. Stocks are very short and prices consequently high.

Culture—Plant after danger of frost is past in rows or hills 18 inches apart, cultivate frequently until plant blooms.

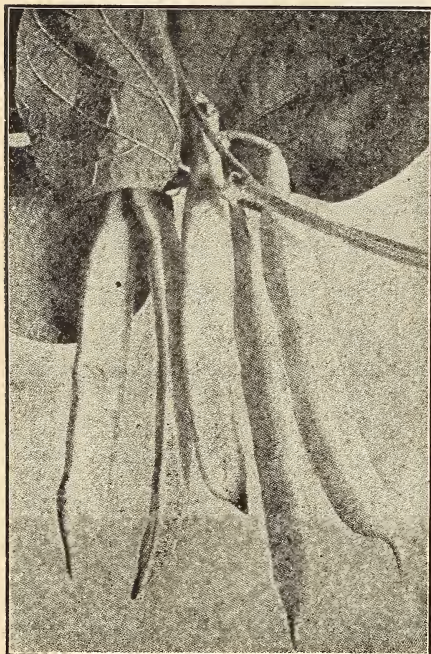
Michigan White Wax—One of the earliest varieties of dwarf, snap beans. It is a white-seeded bean, an abundant producer of uniform sized golden yellow pods of from 5 to 5½ inches in length. For a snap bean there is none that will

compare with it for flavor or appearance on the table. The Michigan White Wax does not discolor in cooking on account of the seed being white. The dry ripe beans are as useful as any of the staple white beans. The canner is using this bean quite extensively for the higher grades of canned beans because of its flavor, earliness, color, quality and uniform size. Price: Pkt. 30c; lb. 55c; 5 lbs. 2.45. Postpaid.

Golden Wax—A standard for years and is without a doubt the best known of any of the beans. A very prolific bean, producing extra large pods of a rich, golden wax color. Our stock is carefully selected and is practically rust-proof. Its earliness together with its high yielding qualities go to make this a most popular bean. Price: Pkt. 10c; ½ lb. 30c; lb. 50c; 5 lbs. \$2.20. Postpaid.

German Black Wax—A golden yellow podded wax bean that remains in condition for use longer than many varieties. The plant grows to a height of about 15 inches and produces an enormous quantity of well-flavored pods. The bean is named from the color of the seed, which is jet black with a white spot where it was attached to the pod. Price: Pkt. 10c; ½ lb. 25c; lb. 45c; 5 lbs. \$1.95. Postpaid.

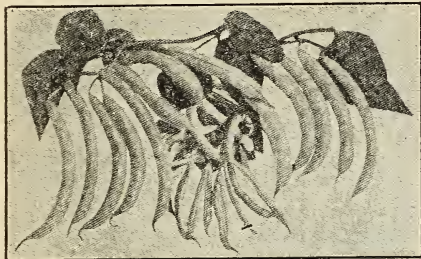
Extra Early Red Valentine (Green Podded)—The plants are healthy and vigorous, with a uniform height of about 15 inches. The yield of these beans is enormous, pro-



Rust-Proof Golden Wax

ducing long round, fleshy and practically stringless pods. They are usually ready for table use in six or seven weeks from the time of planting. A well-known standard green podded sort. Price: Pkt. 10c; ½ lb. 45c; 5 lbs. \$1.95. Postpaid.

Long Yellow Six Weeks (Green Podded)—The vine is large, vigorous branching and productive, with large leaves. Pods are long, straight, thick, flat in shape, green in color, of good quality when young and fair as they near maturity. May be picked in 45 days from planting. The bean is named from the color of the seed and the length of time it takes to be ready for use. Price: Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 5 lbs. \$1.95. Postpaid.



Long Yellow Six Weeks

Kentucky Wonder (Pole Variety)—A popular climbing sort. Pods attain a length of 9 or 10 inches. Vines vigorous and heavy yielders. One of the best beans for use when green. Price: Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c; 5 lbs. \$1.95. Postpaid.

New Wonder Bush Lima—This bean is deserving of special attention by all growers of lima beans. It is rather of a new

sort, a very heavy yielder, exceptionally fine quality and is far more bushy than others of the bush variety. The pods grow in very close to the stalk. Price: Pkt. 10c $\frac{1}{2}$ lb. 25c; lb. 45c; 5 lbs. \$1.95. Postpaid.

Field Beans (White Navy.) These beans are so well and favorably known that we will not attempt to describe them. Stocks of good, high germinating Navy beans are very scarce and will be in big demand. The beans we offer are strictly northern grown, of the highest quality. They have been carefully hand-picked. There is always a ready market for all the beans grown. Price: Pound 40c. Postpaid. Price: $\frac{1}{4}$ bu. \$3.50; $\frac{1}{2}$ bu. \$3.50; bu. \$12.00. By freight or express at purchaser's expense.

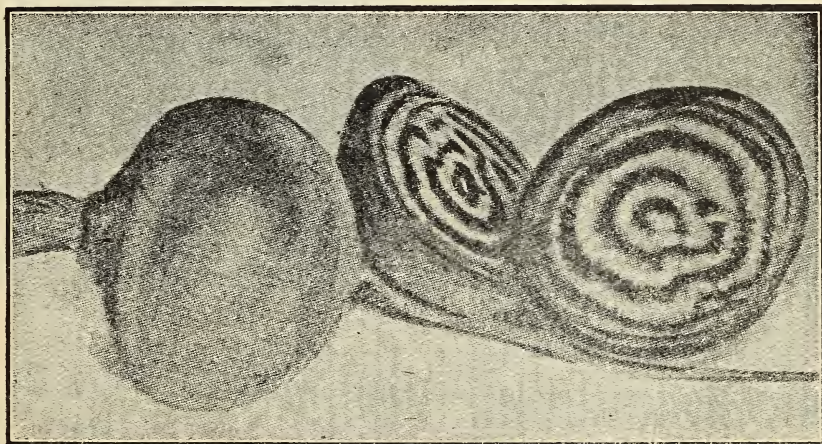
BEET

Choicest Sorts

(2 oz. for 100 feet or row—5 lbs. to the acre.)

Culture—Rows should be 16 inches apart with the plants thinned to 6 inches in the row. Sow from early spring until midsummer. Pack in sand for winter use.

Detroit Dark Red—An especially desirable beet for the home garden on account of the uniform size, color, quality and smoothness, there being scarcely any side roots.



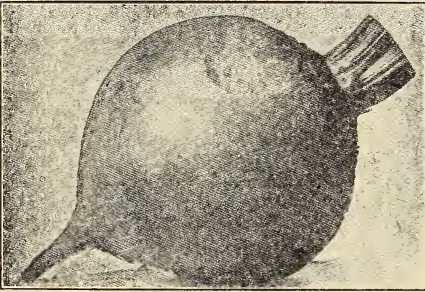
Early Blood Turnip

Tops are small with leaves of a dark green, shaded with red. The roots are a dark red, nearly round and of good size. The flesh is a beautiful vermillion red, zoned with a lighter shade of the same color. We have experimented with numerous other varieties of beets and have as yet to find one that will compare in quality, flavor, uniformity of size, attractiveness or keep any better. While it is slightly higher in price than the other sorts we offer, it will be found to be well worth the extra amount. Price: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.10; lb. \$2.00. Postpaid.

Crosby Egyptian—An improved strain of the Extra Early Egyptian. An exceptionally early beet of a sort that can be planted in the open ground or started under glass. The roots are slightly flattened and very smooth, the flesh is a zoned bright red, very tender and delicious. The leaves and young beets cooked together make fine greens. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 80c; lb. \$1.50. Postpaid.

Long Smooth Blood—A standard late variety, which is it nears maturity pushes the top up out of the soil, sometimes to a height of three inches. The roots grow to a length of about 12 inches, tapering from $2\frac{1}{2}$ inches to 3 inches at the top. Both the beet and the flesh are very dark in color and is not as prominently zoned as the other beets we list. An excellent variety for pickles, being very tender and sweet. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 80c; lb. \$1.50. Postpaid.

Early Eclipse—A choice early variety, globular in shape, of excellent quality, while not as dark in color as many of the other sorts it is justly popular with a large majority of the gardeners. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 80c; lb. \$1.50. Postpaid.



Early Eclipse

roots. The tops make the very best kind of greens when young, and later the leaf stalk can be cooked in the same manner as Asparagus or put up as pickles. We can not urge too strongly all who are fond of greens to try this delicious vegetable. We are positive you will be more than pleased. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 80c; lb. \$1.50. Postpaid.

MANGEL WURTZEL

Great for Stockmen

(1 oz. to 100 ft. of row—5 lbs. to the acre.)

Culture—In large tracts the rows should be distant enough to permit horse cultivation and thinned to 6 to 8 inches in the row. Cultivation should be frequent until the leaves become large.

Improved Mammoth Long Red—Roots are straight, solid, very large and of a rich dark red color. The yield is heavy and the cost of production low. Mangels have a high feeding value to raisers of all kinds of stock; they are not only very nutritious but have a tendency to keep the stock in condition during the winter months when they do not get the exercise that they do in the summer and when the ration is composed largely of grain and roughage. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; $\frac{1}{2}$ lb. 60c; lb. \$1.00. Postpaid.

Giant Half Sugar (For Stock Feeding) Very desirable for all kinds of stock that are being fed for the market as it is rich in sugar and very nutritious. The roots are a light bronze green above ground, grayish white below with white flesh. We tried out several kinds of half-sugar mangels and the result was strongly in favor of the Giant Half Sugar. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; $\frac{1}{2}$ lb. 60c; lb. \$1.00. Postpaid.

Improved Golden Tankard—This variety should be grown on every dairy farm. They increase the milk flow but will not taint it. The roots are large and a surprising amount of feed can be produced on an acre. The color is a rich orange yel-

Early Blood Turnip—This beet has long been the favorite with many of the older gardeners and will always find favor as a second early beet of the globular type. It grows a slightly larger top than some of the earlier kinds. The flesh is a dark red zoned with a lighter shade. A splendid beet for either summer or fall, is crisp, tender and very sweet. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 80c; lb. \$1.50. Postpaid.

Swiss Chard—This vegetable is not as well known or as extensively grown as its excellent qualities warrant. It differs from all other members of the beet family, inasmuch as it does not produce edible



Swiss Chard



Improved Golden Tankard

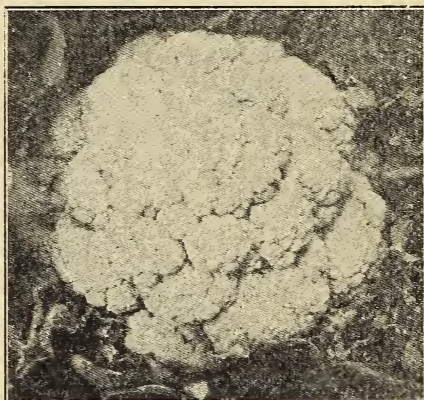
low and the flesh is light yellow. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; $\frac{1}{2}$ lb. 60c; lb. \$1.00. Postpaid.

CAULIFLOWER

Time Tried
(Danish Grown Seed)

Culture—Sow early in the house or hotbed, transplanting after danger of severe frost in rows 24 to 30 inches apart and the same distance apart in the row. Tie the outer leaves together when the head starts to form to preserve the white color.

Danish Giant or Dry Weather—This variety is from ten days to two weeks later than our Snowball or Dwarf Erfurt. It is of dwarf growth, producing very large, stone-hard and snow white heads, fully protected by the foliage. As indicated by the name, it is especially fit for dry and hot climates or sections subject to dry seasons, being a sure header when all other sorts fail. It cannot be forced, but is, in cultures on the ground, the cauliflower that gives the highest yield. Price: Pkt. 15c; oz. \$1.25. Postpaid.



Dry Weather

Extra Early Dwarf Erfurt—An old well known sort, of dwarf growth, with large snowy white heads of regular shape. Good for forcing and the first sowing on open ground. Price: Pkt. 15c; oz. \$1.25. Postpaid.

Snowball—Is excellent for both early and late planting and is unsurpassed by any strain of Snowball on the market. The heads will grow from 8 to 10 inches in diameter. The Snowball derives its name from the snowy whiteness of the head, it is deliciously tender and well flavored. For an early Cauliflower the Snowball can not be too highly recommended. Price: Pkt. 15c; oz. \$1.50. Postpaid.

CABBAGE

They Can't Be Beat

(1-3 oz. to 100 feet of row— $\frac{1}{2}$ lb. to the acre.)



Field Near Valley City

better than ten pounds each. Consider carefully the advantages of a cabbage that will do these things, then decide if it won't be to your interest to least give our offering a trial. Price: Pkt. 25c; $\frac{1}{2}$ oz. 75c. Postpaid.

Copenhagen Market (Seed Imported direct from Denmark)—When started in March the heads are ready for cutting in July. The plants are short-stemmed, of compact stocky growth and the saucer-shaped, rather small and tightly folded outer leaves enclose large, solid, ball shaped heads of the finest quality, smooth, with fine veins and small core. Thirty-five tons per acre is not an uncommon yield, as these cabbages may be grown as close as 21 inches apart each way. In uniformity of type it is marvelous and its evenness in maturing is of the greatest importance for the market gardener, entailing less labor in harvesting the crop and allowing them to clear the ground at one cutting. Price: Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 45c; $\frac{1}{4}$ lb. \$1.50. Postpaid.

Early Jersey Wakefield—The best first early oblong-headed cabbage. The plants have a short stem, are very compact and hard. A very popular early variety, too well known to need an extensive description. Price: Pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50. Postpaid.

Extra Early Winnigstad—This cabbage is the hardest of any of the early sorts and seems to be bothered less by cabbage worms than many varieties. The heads are conical in shape, hard and keep well. Price: Pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. 1.00; lb. \$3.50. Postpaid.

Premium Flat Dutch—A Standard main crop variety. Plants have a short stem, rather large outside leaves, is very sure heading and uniform in size and type. Heads are large, slightly flattened on top, solid and of splendid quality. Price: Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$3.00. Postpaid.

Large Drumhead—For a deep head this cabbage should be grown on very rich soil, but will form a medium sized head on almost any soil. Heads are flattened on top, solid and make a good cabbage for winter use. Price: Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$3.00. Postpaid.

Mammoth Red Rock—The best variety of red cabbage. It grows to a good size and is early. It is a good keeper and is used extensively in making salads, the color of the leaves make it very attractive and novel. Price: Pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50 Postpaid.



Copenhagen Market

CARROTS

Selected Strain

(1-3 oz. to 100 feet of row—2 oz. to the acre.)

Culture—Sow in rows 14 inches apart, a little turnip seed may be sown with the carrot to mark the rows that cultivation may start earlier. Cultivate often and well. When 3 inches high thin to 3 inches in the row.

Danvers Half Long—Suitable for early summer and fall or for storing for winter use. Has a tapering root of about 8 inches in length and a diameter of from 1½ to 2 inches at the crown. Does better on a deeply plowed soil than on that that is hard causing the root to force its way down and retarding the growth. The flesh is a rich orange in color, tender and sweet. Price: Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00. Postpaid.

Oxheart—Roots grow to a length of 4½ to 5 inches, are blunt pointed and will do better on a hard stiff soil than carrots with longer roots that are unable to penetrate the soil. The flesh is a bright orange, fine grained, tender and unsurpassed for table use. May be kept for winter use by storing in sand. Price: Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00. Postpaid.

Mastodon (For Stock Feeding)—This carrot is especially adapted for the feeding of all kinds of stock. It is fed extensively by the best horse breeders all over the country, being fed both to the young colts and the horses. Carrots are fed to show stock to make their coats glossy and smooth. A pail of carrots a day will bring the work horses through the winter in condition for hard work from the very start. Our seed is selected from long straight roots that do not readily break in pulling and will produce an enormous yield to the acre. Price: Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.50. Postpaid.



Danvers Half Long

CELERY

Crisp, Tender, Delicious

(1-3 oz. to 100 feet of row—2 oz. to the acre.)

Culture—Start early under glass, transplant in rows in the hotbed, re-transplant in trenches two to three feet apart. Keep the earth well up around the plant to aid in blanching.

Golden Self-Blanching (Imported Seed)—This grand variety of French origin is becoming one of the most popular sorts, and is being raised more extensively every year, both for private use and the market. While not quite as early as the White Plume, it is of a heavier, more compact growth, the stalks being thick, crisp and brittle, while the hearts are large and solid, all blanching a rich waxen yellow. Tender, free from stringiness, rich and delightful flavor. Price: Pkt. 15c; oz. \$1.00. Postpaid.

Pequot, Minn.

Northern Seed Co.—Please send me your Seed Catalogue by return mail. We have always got our seed from you while we lived at Bessie, N. D., but now we are at Pequot, Minn., Crow Wing Co., and am sure your seeds will do as well here as out there as we get more rain. Had a nice onion patch this last year from seed we got of you. I do believe every seed grew, and all other kinds too. Will have a large order this year.

MRS. L. W. PALMER.

Giant Pascal—A popular sort for winter use. Large in growth, of a rich creamy yellow when blanched. Stalks bright and crisp. It blanches with but slight "earthing up," in from five to six days. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00. Postpaid.

White Plume—The earliest celery. This variety is well known and justly popular on account of its earliness and ease of culture. It is no more trouble to grow this celery than any vegetable, for it needs no "banking-up," though it helps to firm the earth against the plant and tie the leaves together to protect the heart. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00. Postpaid.

CELERIAC

(1 oz. of seed for 1000 plants.)

Culture—Set out the plants in rows one foot apart, otherwise treat same as celery.

Large Smooth Prague—The great main crop variety; the most popular with American growers. Roots are very large, nearly round, smooth, with only a few roots at the bottom; flavor and other qualities excellent. Common kinds of Celeriac are often small, cro-ked and covered with a mass of useless unsightly roots. Large Smooth Prague is a general favorite. Price: Pkt. 5c; oz. 20c. Postpaid.



Golden Self-Blanching

SWEET CORN

($\frac{1}{2}$ pt. to 100 hills—8 qts. to the acre.)

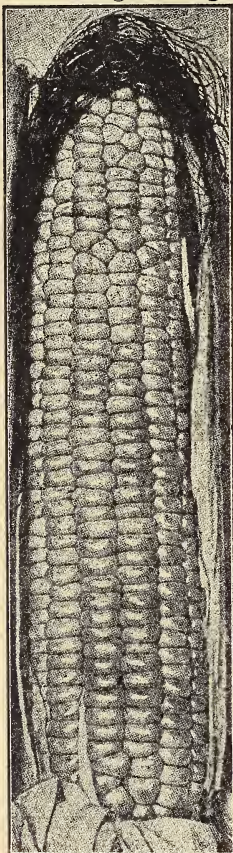
The Northwest's Standard

Culture—Plant 4 or 5 kernels in a hill 3 feet apart each way or in rows 3 feet distant with a kernel every 4 to 6 inches. Keep clean by frequent cultivation.

Golden Bantam—Never in the history of the seed business has any one vegetable or variety of vegetable grown in popularity with as much rapidity as this corn. The stalks grow to a height of about 4 feet and produce ears about six inches in length with eight rows of broad, well set, sweet, tender kernels. Price: Pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c; 5 lbs. \$1.70. Postpaid.

Peep o' Day—Ears and stalks of medium size. A first early variety, often producing 4 to 5 ears on a stalk. Cooks very white and is tender and deliciously sweet. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.45. Postpaid.

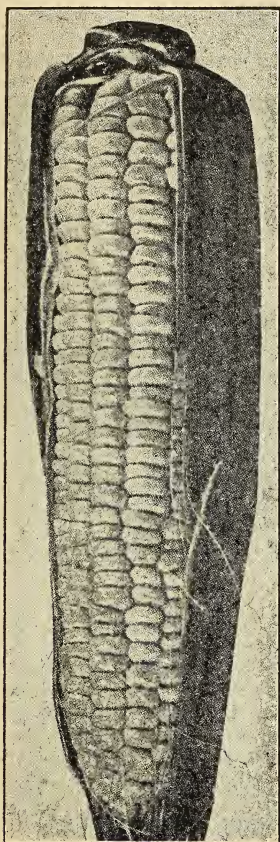
White Cob Cory—Produces one of the largest and best ears of any of the early sorts. The kernels are close set and grow well down on the tip. The grain is broad, very sweet and tender. All points considered it will be found to be a very desirable corn for Northwestern conditions. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.45. Postpaid.



Golden Bantam

BEWARE

A certain unscrupulous seed house is selling package seeds with the name NORTHERN SEED CO. printed on the envelope, but does not dare add the name of their postoffice. These seeds are sold to the merchant at a price that good seed can not be sold for. If you buy our seeds at any store you will find them plainly marked with our name as well as address, NORTHERN SEED CO., VALLEY CITY, N. D.



Early Minnesota

Early Minnesota—This well known standard variety is one of the best second-early corns either for the private garden or the market. The stalks attain a height of about 6 feet and bear 1 or 2 ears, of about 8 inches in length with eight rows of fine well flavored kernels. Price: Pkt. 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.45. Postpaid.

Country Gentleman—One of the most delicious of the late sweet corns. The kernels have no regular arrangement on the cob. It is sometimes sold under the name of Zig Zag, which is a very good way of describing its appearance. The stalks grow from 6 to 7 feet in height and bear from 2 to 5 ears. The kernels are deep and the cob small. The demand for this corn has increased each year. Price: Pkt. 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.45. Postpaid.

Black Mexican—A very sweet variety of late sweet corn. The ripe corn is a bluish black but when in the roasting ear period is as white as any corn can be. It is sometimes spoken of as the corn that is "Black when it is ripe and white when it is green." The ears are of good size and elegant flavor. Price: Pkt. 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.45. Postpaid.

POPCORN

"The Seed You Need"

A patch of Pop Corn is something that will bring in as good returns as some of the more commonly cultivated crops. The long winter evenings can be shortened and a pleasant social time enjoyed over a good old fashioned popping of corn. The demand for popcorn has increased by leaps and bounds in the last few years, it is now what might be called a popular confection.. The fodder is of value, stock will eat it with relish and anytime you grow a surplus of ears they can also be fed to the stock. Don't fail to have your pop corn patch. Price: Large Pkt. 10c; lb. 30c. Postpaid. Price on larger lots upon application.

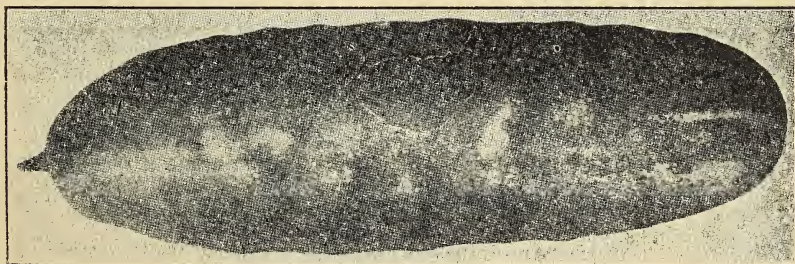
NOTE—All Corn Prices Are Postpaid

CUCUMBERS

The Early Crisp Kind

(12 to 20 seeds to a hill—3 lbs. to the acre.)

Culture—Hills should be at least six feet apart each way. Remove some of the earth, throw in a shovel or two of well rotted manure, putting back some of the



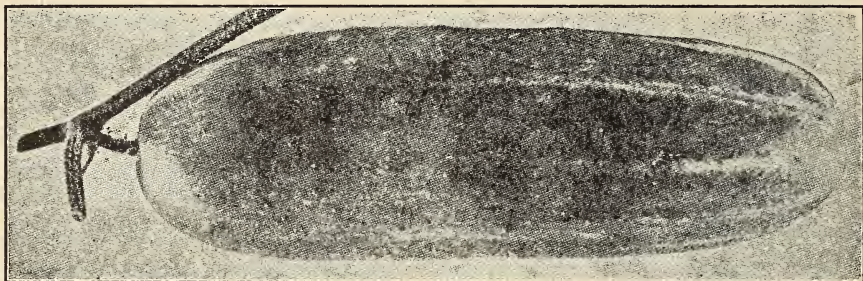
Early Fortune

soil before putting in the seed. Destroy all but 3 or 4 plants as soon as danger of the striped beetle is past.

Early Fortune—This cucumber was little known in the Northwest until we first

introduced it a couple of years ago. It is not quite as early as some of the varieties that follow but is early enough for our season to develop fully. The fruit is large, smooth, well formed and a very dark green lightly striped with white about half the length. The flesh is a clear sparkling white. These cucumbers will remain in condition for use longer after they have been picked than any sort we know of, making it very desirable for long distance shipping. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.45. Postpaid.

Improved Long Green—Vines vigorous and productive. Produces a dark green fruit of about 12 inches in length, which is crisp, solid and fine for slicing. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 1.00. Postpaid.

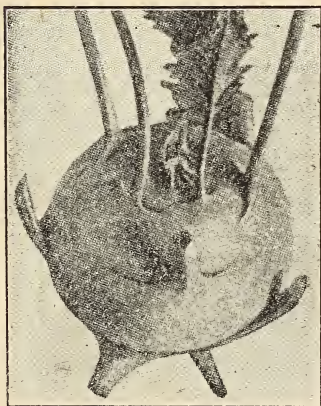


Early White Spine

Early White Spine—In other words Cucumber Perfection. It is early, prolific and a continuous producer of large uniform fruits of a rich deep green color, faintly marked with light yellowish shading toward the tip. The vines are vigorous, bearing until frost. The flesh is ideal for table use, being fine grained, sparkling white and of delightful flavor. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c. Postpaid.

Improved Early Frame—A very hardy variety, has an excellent flavor and is a good variety for pickling. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c. Postpaid.

Boston Pickling—A very productive variety. Fruits bright green, smooth, crisp and tender. Used almost entirely by the pickle factories. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c. Postpaid.



Early Cluster—As the name implies the fruit is set in clusters of 2 or 3. The fruit is slim and especially good for pickles. The vines are very prolific. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c. Postpaid.

KOHL RABI

(1-3 oz. to 100 feet of row—4 lbs. to the acre.)

Culture—Sow in rows 18 inches apart and thin to 6 inches in the row. Use before skin gets too hard to be readily dented with thumb-nail.

Early White Vienna—Kohl Rabi is used as a summer turnip, the flavor strongly resembling that of the turnip. Its growth is very different from the turnip however. The bulb grows on a stalk as does the cabbage. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75. Postpaid.

Early White Vienna

KALE

Very Popular

(1-3 oz. to 100 feet of row—2 lbs. to the acre.)

Culture—Sow in rows 16 inches distant and thin to 6 inches apart in the row. Do not gather until touched by the frost, then hang in the cellar.

Tall Scotch Curled—Used for greens during the winter. Plants grow to a height of about 2 feet. Leaves large, tender and of a delightful flavor. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.70. Postpaid.

EGG PLANT

Worth a Trial

(1-3 oz. to 100 feet of row—1 lb to the acre.)

Culture—Start early in the house or hotbed. When plants have two leaves transplant to 4 or 5 inches apart. When danger of frost is over re-transplant to the open ground, providing shade for a few days.

Improved Large Purple (Spineless)—A favorite with the market gardener. The large size and fine quality of the fruit make it profitable to grow. Vines very vigorous and prolific. Price: Pkt. 5c; oz. 35c; ¼ lb. \$1.50. Postpaid.

ENDIVE

Delicious

(1 oz. to 100 ft. of row—4 lbs. to acre.)

Culture—Sow in rows about 16 inches apart and thin to 12 inches in the row; for blanching tie the outer leaves together at the top.

Moss Curled—The plants are dense and compact, with bright green leaves, which when properly blanched are crisp, tender and white. Endive is one of the few salads that can be used at almost any season of the year. Price: Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00. Postpaid.

GOURDS

Attractive

(1 oz. for 100 ft. of row—4 lbs. to acre)

Culture—Plant the same as cucumbers, train in the direction plants are wanted.

Dish Cloth—The center of the fruit is a fibrous mass, that, when cut out and the seed removed may be used for a dish-cloth. Price: Pkt. 5c; oz. 20c. Postpaid.

Dipper—Shaped like a dipper. Price: Pkt. 5c; oz. 20c. Postpaid.

Japanese Nest Egg—These gourds may be used either as nest eggs or stocking darningers. Price: Pkt. 5c; oz. 25c. Postpaid.

Apple Shaped—Round, yellow, often striped. Price: Pkt. 5c; oz. 25c. Postpaid.

Mixed—All the above and many other sorts. Price: Pkt. 5c; oz. 25c. Postpaid.



Mixed Gourds

LETTUCE

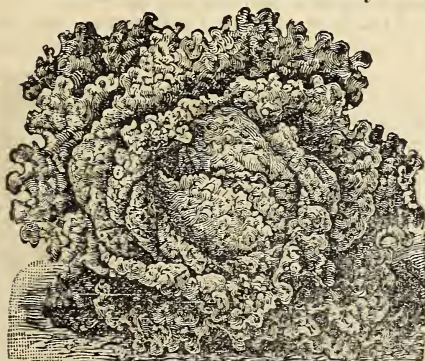
The Crisp, Sweet Sort

(1 oz. to 100 ft. of row—3 lbs. to the acre.)

Culture—Sow in rows 12 to 20 inches distant, thin to 4 to 10 inches in the row, allowing head lettuce the greater amount of space.

Price Head—The leaves are a bright green with a brownish-red edge. These large loose, crisp and tender heads will remain in condition for use longer than a great many varieties of lettuce. A very popular private garden sort. Price: Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.00. Postpaid.

Hanson Head—A very popular heading variety, very hardy, crisp and tender, and will stand the extremes of weather better than the majority of the head lettuce. Its



Hanson Head

quality is excellent, is free from bitterness and it does not readily go to seed, will remain in condition for use a long time. Price: Pkt. 5c; oz., 15c; ¼ lb. 45c; lb. \$1.50. Postpaid.

Early Curled Silesia—An early clustering variety. May be sown thick and cut while the plants are very young. Very tender, sweet and well flavored. Light green in color. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.

Black Seeded Simpson—Large, thin, exceedingly tender leaves. One of the best varieties for either forcing or sowing out of doors. It is a product of excellent quality and continues a long time in condition for use. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.



Grand Rapids

It is a loose heading sort that remains in condition for use several days after it is first ready to pick. It can be grown successfully either under glass or in the open ground. The leaves are a bright green, finely crimped at the edges, thin, tender and of delicate flavor. Our customers should be able to enjoy the same gratifying results in the private garden that our trial plat shows and it will eventually come to be the leading lettuce of the northwest. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. \$1.50. Postpaid.

Early Curled Simpson—One of the best leaf lettuces. Its growth is very similar to the Early Curled Silesia. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.

Early White Cabbage—(Heading variety)—It forms very large firm heads, beautifully curled and crinkled. It is exceedingly tender and sweet. In the Northwest where there is a great deal of hot sun it is at its best, being famous for its heat and drought resisting qualities. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.

Hubbard Market—A thick leaved heading variety, which forms a very large compact head. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.

Grand Rapids—This variety is one of the greatest favorites of the market gardener.

LEEK

(1 oz. to 100 feet or row—4 lbs. to the acre)

Culture—Sow early, when 6 inches high transplant in rows 6 to 8 inches apart, covering all but the center leaves.

Large American Flag—Our stock is extra fine, of quick, strong growth, producing long stems of large size and mild flavor. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 2.00. Postpaid.

MUSKMELONS

None Better

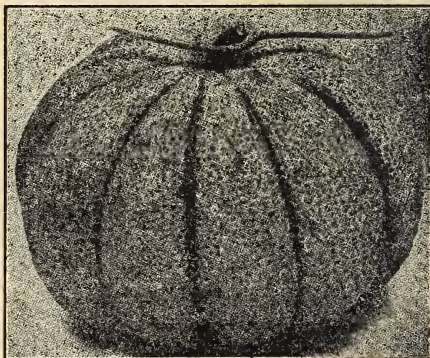
($\frac{1}{2}$ oz. to 100 ft. of row—3 lbs. to the acre.)

Culture—Soil should be well enriched. Plant in hills 6 feet distant each way. Put 12 to 15 seeds in each hill, thinning to 3 or 4 of the best plants. Cultivate as long as is possible. A small board or sponge placed beneath the fruit will hasten ripening.

Osage—Oval in shape, medium in size slightly ribbed, green in color and somewhat netted. The flesh is of a fine texture rich salmon in color, extremely and uniformly thick highly flavored and delicious to the mind. Has a very small cavity. It is a good shipping melon and a remarkable keeper. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; b. \$1.25. Postpaid.

Extra Early Hackensack—This is a selection of the old Hackensack, which it strongly resembles, but is fully ten days earlier. The melons weigh from 4 to 10 pounds and are of excellent flavor. It is one of the earliest, hardiest and prolific of the netted sorts. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c lb. \$1.00. Postpaid.

Improved Extra Early Green Nutmeg—Vines vigorous, hardy and productive; fruit large, and slightly flattened at both ends; ribbed and covered with coarse netting; flesh thick and of finest flavor. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 95c. Postpaid.



Hackensack

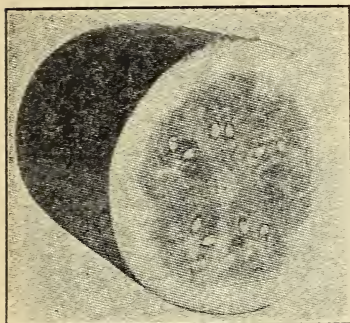
WATERMELONS

Rich—Luscious

(1 oz. to 100 feet of row—4 lbs. to the acre)

Culture—Follow the directions given for Muskmelons.

Cole's Extra Early—The Watermelon for the Northwest, for in the northern climates it is particularly at home. A heavy yielder of melons of medium size; the flesh is a fine red color. This melon will not stand shipping long distances, which is its only drawback as a market product. For the home garden there is no better melon. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00. Postpaid.



Cole's Extra Early

Pinny's Extra Early—Oblong in shape, medium in size, flesh a beautiful red in color. Seeds white, skin a mottled green and white. Vines very productive. An excellent variety for the Northern garden. Price: Pkt. 5c; oz. 10c; $\frac{1}{2}$ lb. 30c; lb. 95c. Postpaid.

CITRONS

Good Keepers

(1 oz. to 100 feet of row—4 lbs. to the acre.)

Culture—Follow the same directions as given for Muskmelons.

Red Seed (For Preserving)—Globular in shape and resembling the watermelon in appearance. Citrons are not good to eat raw, but make fine transparent preserves of fine flavor. Makes a rapid growth, maturing the fruits early. Fruits may be stored for some time before they need be canned. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c. Postpaid.

OKRA OR GUMBO

(1 oz. to 100 feet of row—8 lbs. to the acre)

Culture—When the ground is warm, sow in rows about 30 inches apart, when the plant is 3 inches high thin to 12 inches in the row. Cultivate and keep clean.

Perkin's Mammoth Long Pod—The young seed pods are highly esteemed for soups, stews, catsups, etc. This variety grows about 3 feet high, is very early and productive; pods are a deep green, very long, tender and of the best quality. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.

ONIONS

Superior Quality

(1 oz. to 100 feet of row—8 lbs. to the acre.)

Culture—Sow in rows from 10 to 15 inches apart, keep clean and cultivate often. Large onions will result if transplanted or started from sets.

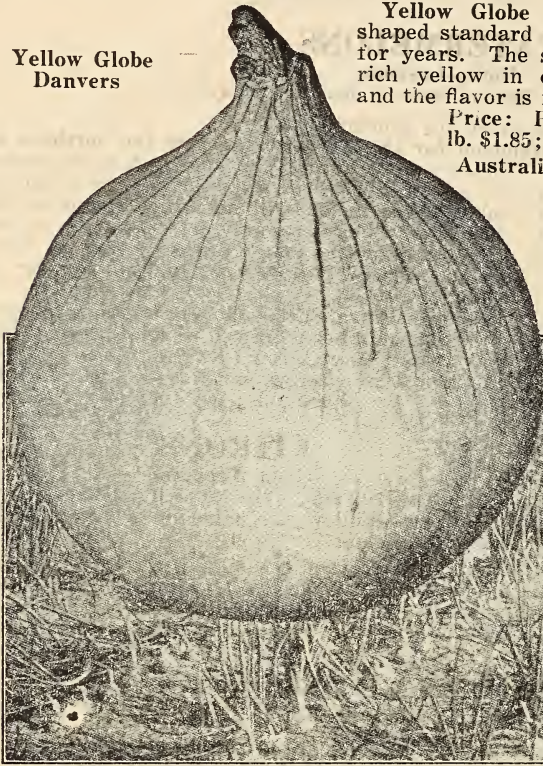
Prizetaker—A standard main crop variety of the best sort. The outside skin is a pale yellow, the flesh is a clear creamy white and the yield per acre is enormous. It is nearly globular in shape, the keeping qualities of the mature onions, is unexcelled. If started early and transplanted will make mammoth onions the first season. Price: Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.10; $\frac{1}{2}$ lb. \$2.10; lb. \$4.00. Postpaid.

Yellow Flat Danvers — For the private garden where a globe onion is not necessarily required this onion will be found one of the best to grow. It is medium sized, thin necked and somewhat flattened. The outside skin is a light yellow, the flesh is a clear sparkling white, mild and of good flavor. Price: Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.85; lb. \$3.50. Postpaid.



Prizetaker

**Yellow Globe
Danvers**



Yellow Globe Danvers—A well known globe shaped standard variety that has been a favorite for years. The skin is a light golden brown or rich yellow in color, the flesh is pure white and the flavor is mild, a good keeper and shipper.

Price: Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.85; lb. \$3.50. Postpaid.

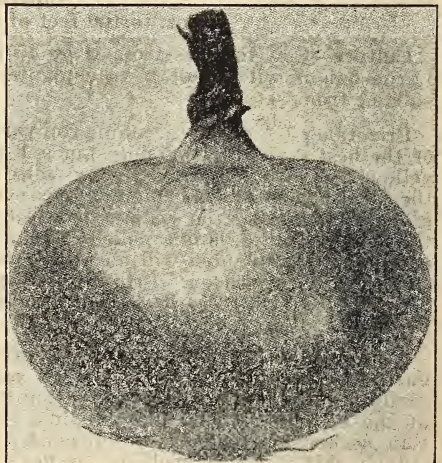
Australian Brown—This grand globe-shaped brown onion is a quick growing sure cropper, and of exceptional long-keeping quality. The onions are a perfect globe or ball in form and uniformly thin necked. The flesh is very

solid, crisp, pure white and of sweet mild flavor. It is very early, sure to ripen and an excellent keeper. Its handsome globe form combined with its most attractive colorings, insures quick sales at the highest market price. Does exceedingly well in wet seasons or on moist soils. Price: Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.10; $\frac{1}{2}$ lb. \$2.10; lb. \$4.00. Postpaid.

Red Wethersfield—One of the best known red onions on the market, having been a standard for years. The skin is a deep purplish red, the flesh is white with a purplish tinge near the outside. A good sort for general use. Price: Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.10; $\frac{1}{2}$ lb. \$2.10; lb. \$4.00. Postpaid.

Extra Early Red Flat—A flat medium sized onion, slightly earlier than the Red Wethersfield. A fine grained, mild onion, especially adapted to short seasons, or for early marketing. Our stocks of this onion are most carefully selected and are of high quality. Price Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.85; lb. \$3.50. Postpaid.

Southport Red Globe—A handsome, glossy purplish-red onion, of close-grained, tender, sparkling white flesh. An enormous yielder. Price: Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.85; lb. \$3.50. Postpaid.



Red Wethersfield

White Pickling—Uniform, medium sized bulbs, with a clear white skin, mild flavor and good keeping qualities. Extensively used for pickling. Price: Pkt. 5c; oz. 40c; ¼ lb. \$1.50; ½ lb. \$2.75; lb. \$5.00. Postpaid.

Mammoth Silver Skin—One of the largest onions grown, it has always been a prize-winner at fairs and exhibitions, on account of its size, quality and appearance. The skin is a silvery white as well as the flesh. To have this onion grow to its full size they should be started early and transplanted. Price: Pkt. 5c; oz. 40c; ¼ lb. \$1.50; ½ lb. \$2.75; lb. \$5.00. Postpaid.



ONION SETS

Extra Choice

Sets will produce the young onion for table use much more quickly than can be had from seed, large onions may also be had at earlier date if the seed-pods are kept pinched off. Weather conditions were not favorable for the production of sets last summer, the yield was far below the average but the quality is better than we have had for several seasons. We do not send onion sets until the weather is somewhat moderate but would advise the placing of orders at as early a date as possible.

Red Bottom Sets—Price: Qt. 30c; ¼ bu. \$2.00. Postpaid.

Yellow Bottom Sets—Price: Qt. 30c; ¼ bu. \$2.00. Postpaid.

White Bottom Sets—Price: Qt. 35c; ¼ bu. \$2.25. Postpaid.

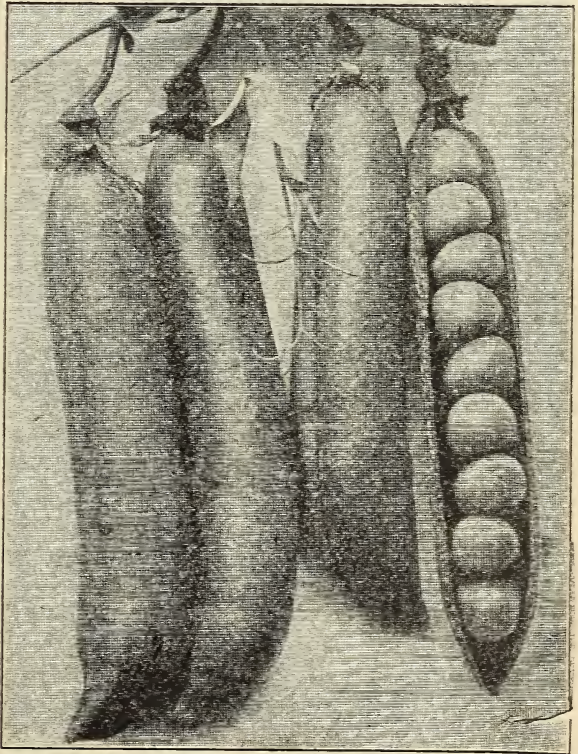
PEAS

Sweet, Delicious

(1 qt. to 100 feet of row—2 bu. to the acre.)

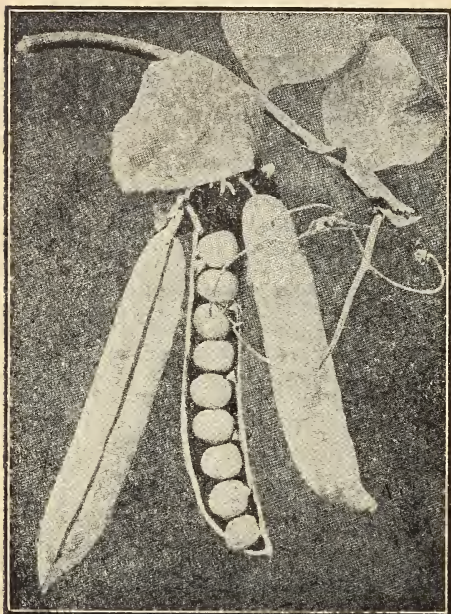
Culture—Sow as early in the spring as the ground can be worked and follow every two weeks to prolong the season. Bury the seed about 4 inches deep, firming the soil well over them. Cultivate frequently until the vines begin to bloom.

Laxtonian—The largest podded of the early dwarf peas. The habit of growth is dwarf, the plant only growing about 12 inches high requiring no support of any kind. The vines are stocky, vigorous and have a beautiful dark green foliage. The pods are extra large and contain from 8 to 10 enormous peas of delicate flavor. The deep green color and the size of the pods, as well as the color, size and unsurpassed quality of the green peas makes it an exceptionally fine table pea. This pea is attracting more attention than any other of the lately developed peas. It is in a class by itself. "Giant Podded Early Dwarf." Price: Pkt. 15c; ½ lb. 30c; lb. 50c; 5 lbs. \$2.20. Postpaid.



Laxtonian (two-thirds actual size.)

I planted some of your garden seeds last year and can't speak too highly of them.
Paxton, Mont. (Signed) WM. HANSON.



Alaska

high, is very prolific, producing an abundance of well filled pods. The green peas are sweet and well flavored. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.45. Postpaid.

Prosperity—An early pea that has won the heart of the market gardener. The vines attain a height of about 3½ feet and produce an abundance of pods that are from 4 to 5 inches in length, somewhat pointed at the end, and filled with extremely large peas of splendid quality. The gardener wishing an early pea of the bush sort will find this a variety that will exceed their expectations. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c. lb. 35c; 5 lbs. \$1.45. Postpaid.

McLean's Little Gem—Rich, buttery, delicious, superlative. The qualities of the pea are so distinctive and many, and the strain such a popular favorite, that its merits are well known to all. Vines grow to a height of about 18 inches, are vigorous and prolific, bearing quantities of well filled pods. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.20. Postpaid.

Premium Gem—The Premium Gem is a relative of the Little Gem. It strongly resembles it, but is a heavier yielder. It is ready to use about the time of the Little Gem, has a delicious flavor, and will give eminent satisfaction to Northern Growers. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.20. Postpaid.

Nott's Excelsior—One of the most popular of the dwarf peas, nearly as hardy as the round seeded sorts and only a few days later. It is one of the heaviest yielding

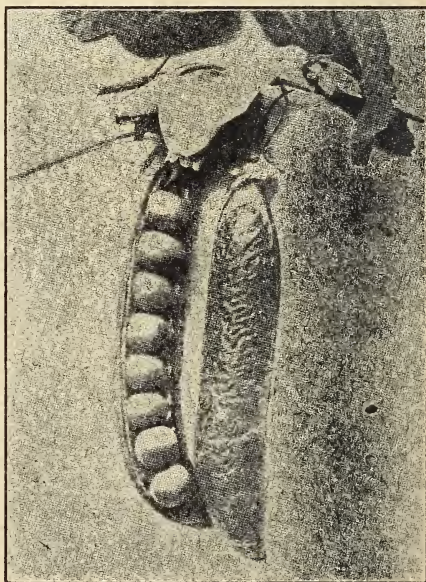
EXTRA EARLY ROUND SEEDED VARIETIES

Alaska—Grows to a height of about 2½ feet. The Alaska is an early, evenly maturing pea, with prolific vines that bear from 5 to 7 pods which are well filled with medium sized peas of a blueish-green color and good flavor. An excellent first early pea, that has long been a favorite with the canner. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.20. Postpaid.

Extra Early—Height, 2½ to 3 feet. Seeds white when fully ripe. One of the most important considerations with the market gardener in choosing an extra early pea, is to secure one that is not only early but matures its crop uniformly, so that the vines may be stripped at one picking. In our strain of Extra Early will be found all the desirable qualities that gardeners look for in a first early pea. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. \$30c; 5 lbs. \$1.20. Postpaid.

WRINKLED VARIETIES OF HIGHEST QUALITY

American Wonder—A standard variety of the dwarf wrinkled peas. It is very early, grows to from 12 to 15 inches



Prosperity

dwarf peas, producing an abundance of well filled pods of about $3\frac{1}{2}$ inches in length. The vines grow about 15 inches in height, are strong and require no support. We are sure those who have planted his grand pea in the past, will again, and most strongly urge those who have never grown it to do so. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.45. Postpaid.

Bliss Everbearing—A stocky growth of about $2\frac{1}{2}$ feet in height, bearing 8 to 10 broad, well filled pods containing large, tender, exceptionally fine flavored peas. Under favorable conditions the vines throw out branches which also bear, thereby prolonging the season. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.20. Postpaid.

Dwarf Champion—This is rather a new sort which is becoming very popular both with professionals and private gardeners. The vines grow about 3 feet high, are very hardy, vigorous and prolific. The pods are about 4 inches long, well filled with large tender peas. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.20. Postpaid.

Champion of England—A prolific variety, generally admitted to be one of the sweetest and best flavored of the late peas. The vines grow to a height of about $3\frac{1}{2}$ to 4 feet, the pods are numerous and filled from end to end with enormous peas of excellent quality. A ready market is easily found for any surplus. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.20. Postpaid.

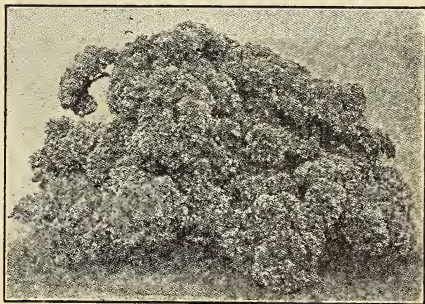
Dwarf Gray Sugar—(Edible Podded)—Vines attain a height of 18 to 24 inches, with a pure purple flower. Sugar peas are not shelled but cooked the same as string beans. Pick them as soon as the pea begin to form, do not wait until they are full sized. The yield is enormous. Price: Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 5 lbs. \$1.20. Postpaid.

PARSLEY

($\frac{1}{2}$ oz. to 100 feet of row—4 lbs. to the acre.)

Culture—May be started early in the house or under glass or sown early in the open ground. Bury the seed about $\frac{3}{4}$ of an inch, thinning to one plant every 4 inches.

Moss Curled—The color is a rich dark green and the leaves are so curly that at a short distance it looks like moss. It does not readily go to seed, thereby prolonging the season. Used extensively for garnishing and flavoring. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25. Postpaid.



Moss Curled

PEPPERS

($\frac{1}{2}$ oz. for 100 feet of row— $\frac{1}{2}$ lb. to acre.)

Culture—Start the plants early in the house or under glass, transplant to the open ground as soon as danger of frost is past, setting them 30 inches distant each way.

Bell or Bull Nose—Large Bell shaped fruit, flesh hard and less pungent than most varieties. Desirable for pickling either when green or ripe. One of the very early sorts. Price: Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00. Postpaid.

Long Red Cayenne—A popular medium early sort having a slender, twisted, pointed pod about 4 inches long. The fruit is a deep green when young, but as it ripens it turns a bright scarlet. Price: Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00. Postpaid.



Plant our "NORTHERN BRAND" seeds this spring. We know you will be satisfied and convinced of their extra value to this and adjoining states.

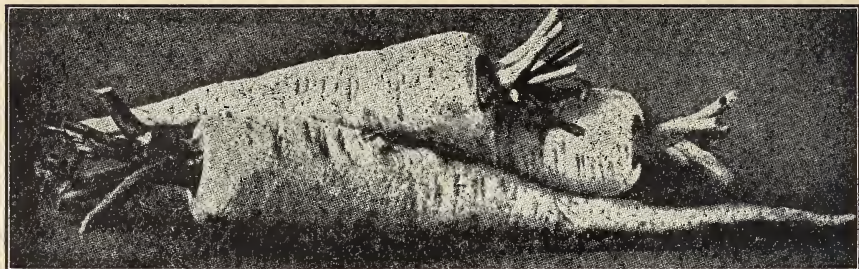


PARSNIPS

Fine for Winter

(1 oz. to 100 feet of row—5 lbs. to the acre.)

Culture—Sow in rows 20 inches apart quite early in the spring, thin when small to one plant every 6 inches. Cultivate well and often. Pack in sand for winter use.



Hollow Crown or Guernsey

Hollow Crown or Guernsey—A good yielder, considered best for general cultivation. The roots are long, smooth and tapering; flesh fine grained and of excellent quality. Parsnips are improved by having been well nipped by the frost before being dug. Price: Pkt. 5c; oz. .10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00. Postpaid.



Connecticut Field

of large orange colored fruits. It is one of the most hardy of all pumpkins, is cultivated largely for stock feeding but will make delicious pies. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00. Postpaid.

Sugar or New England Pie—A rather small, but handsome variety. Shape, round; skin deep orange colored; flesh fine grained, sweet flavored; superior for pies. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00. Postpaid.

RADISHES

Early Crisp

(1 oz. to 100 feet or row—10 lbs. to acre.)

Culture—Sow the seed 1 inch apart in the row, cover with about an inch of dirt, the rows may be as close as 12 inches. Successive sowing may be made every two weeks until midsummer. Winter radishes may be put in the latter part of July or early in August.

PUMPKINS

(1 oz. to 100 ft. of row—4 lbs. to the acre.)

Culture—Drop 6 to 8 seeds in hills 8 feet distant after danger of frost, thinning to 2 or 3 sturdy plants. Cultivate as long as is possible.

Connecticut Field—An enormous yielder



Early Scarlet Turnip—White Tip

Early Scarlet Globe—A round, globe shaped radish with a brilliant red color and crisp white flesh. The bright color is retained long after they have been removed from the ground, making it a great favorite with the professional gardener. Price: Pkt. 5c; oz. 15; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.

Extra Early Scarlet Turnip—Turnip shaped, deep red color, small top. Very desirable for either outdoor planting or forcing. A rapid grower, popular with both the home and market gardener. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.

French Breakfast — Oblong in shape, medium sized and a quick grower. The color is a beautiful bright scarlet with a clear white tip. Does well either for hot-house culture or in the open ground. A fine table variety on account of its attractive appearance, flavor and brittleness. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00. Postpaid.

Early Scarlet Turnip—White Tipped—A handsome radish that will attract attention in any market. The shape is that of the turnip, the color is a bright red with a pure white tip, the flesh is a clear sparkling white, crisp and of extra fine quality. Our stock is exceptional as the red is very deep and sets out the white tip very distinctly. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.

Early White Turnip — The roots are about an inch in diameter, pure white in color and very early. While largely grown out of doors its short top and quick growth make it suitable for forcing. The flesh is crisp, tender and a clear white. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25. Postpaid.

White Olive—This radish grows to about the same size and has the same shape as the French Breakfast, but is a pure white both inside and out. One of the most desirable radishes that we list both for its eating quality and its attractive appearance. For the critical grower we recommend this radish most highly. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.75. Postpaid.

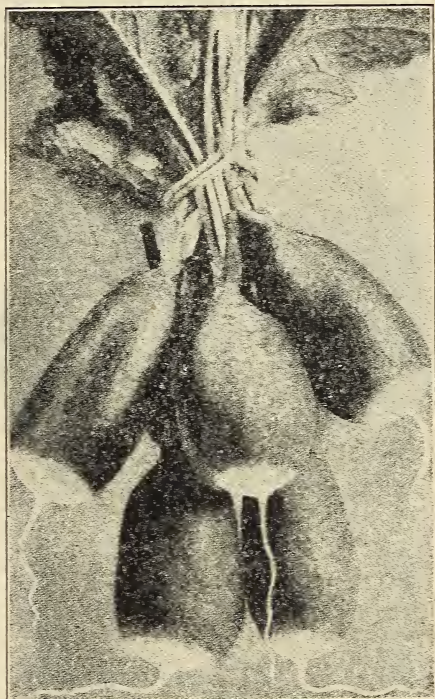
Chartier—A long tapering radish, about 4 inches in length and of a red color shading to a white tip. Remains in an edible condition until a diameter of $1\frac{1}{4}$ inches is reached. Flesh is white and crisp. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.

White Icicle—The finest of the long tapering white radishes and a great favorite with many customers on account of its mildness, flavor and crispness. Its quickness of growth is surprising. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00. Postpaid.

White Strasburg—Ready for use when comparatively small, and continue sweet and tender until they attain a length of five or six inches. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.

Black Spanish (Winter)—The roots of the Black Spanish radish are large, long, tapering and almost black, with a firm, clear white flesh. Mature roots are from 7 to 9 inches long and have a diameter at the top of about $2\frac{1}{2}$ inches. Winter radishes should be stored in sand and kept in cool cellar. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.

China Rose (Winter)—The roots are straight or slightly larger at the bottom and blunt at both ends. The skin is a bright rose red and the flesh is white, firm and crisp. The roots are mature when about $1\frac{1}{2}$ inches in diameter. An extensively grown winter variety. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.



French Breakfast

SALSIFY

(Vegetable Oyster)

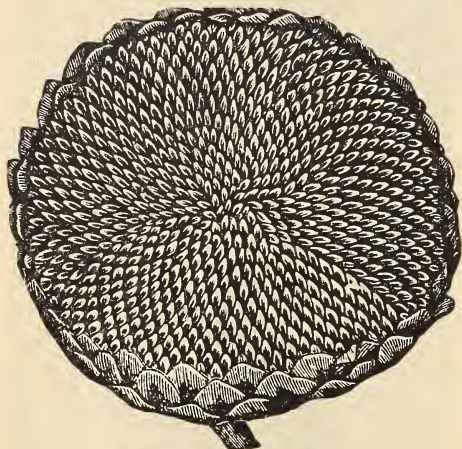
(1 oz. to 100 feet of row—8 lbs. to the acre)

Culture—Sow about one inch deep in rows 20 inches distant, thin while quite small to one plant every 4 to 5 inches. Pack in sand for winter use.

Mammoth Sandwich Island—Large, long, smooth tapering roots with side roots. The flavor of the cooked Salsify strongly resembles that of the oyster and may be prepared in the same way. Salsify does not enjoy a place in as many gardens as its qualities deserve. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00. Postpaid.

SUNFLOWER

(2 oz. to 100 feet of row—10 lbs. to the acre.)

**Mammoth Russian**

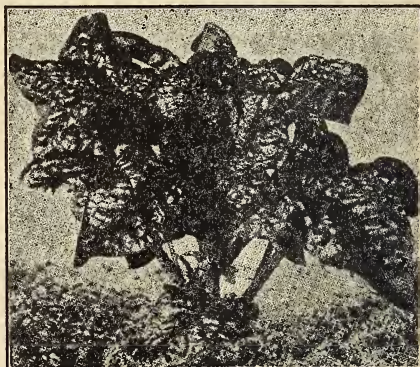
patch of Sunflowers. Price: Pkt. 5c; oz. 10c; lb. 30c. Postpaid. 10 lbs. by express or freight at purchasers expense \$1.25.

SPINACH

(1 oz. to 10 ft. of row—10 lbs. to the acre.)

Culture—Bury the seed 1 inch in rows 12 inches apart and thin as is necessary. Plants cut off just above the ground will grow again making several cuttings.

Bloomsdale Savoy Leaved — No better greens can be had than Spinach greens. They are tender, well flavored and may be shown either for early or late use. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25. Postpaid.

**Bloomsdale**

**Please Note that all Our
Seed Prices are Postpaid**

We have ordered our seeds from you every season for the past five years and have yet to find any that were unsatisfactory.
Plaza, N. D.

(Signed) L. G. PIERCE.

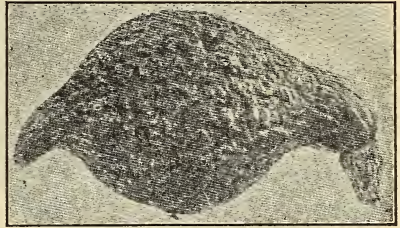
SQUASH

Sure to Ripen

Culture—Follow directions given for pumpkins.

Boston Marrow—A general favorite, two weeks earlier than the Hubbard, which it resembles in size and shape but has a deep orange color and the flesh is a deeper shade of yellow. A fine keeper and of delicious flavor. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00. Postpaid.

Early White Scallop—This is a well known, very early, somewhat flattened scalloped, bush squash, of medium size. The vines are vigorous and prolific, bearing an abundance of smooth, creamy white fruit. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00. Postpaid.



Hubbard

Hubbard—Considered the best of the late winter varieties. The vines are vigorous and very productive. Fruit, large, heavy with a very dark green shell. Flesh is a rich orange yellow, fine grained, thick and of excellent flavor. Its keeping qualities are unexcelled and will stay in condition for use until spring if properly stored. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c. lb. \$1.00. Postpaid.



Early Summer Crookneck

Early Summer Crookneck—Without doubt the best known of the Summer squashes. The fruit is a bright orange yellow, thickly warted and with a crooked neck. The average length is 12 inches. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00. Postpaid.

TOMATOES

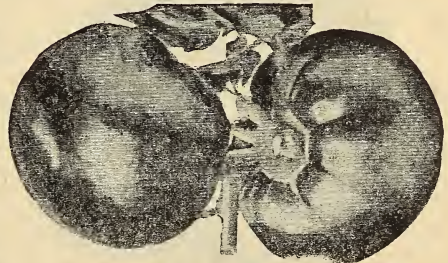
Bound to Ripen

($\frac{1}{2}$ oz. to 100 feet of row—1 lb. to the acre.)

Culture—Start in the house or hot-bed, transplant to the open ground as soon as danger of frost is past, providing shade for a few days. As soon as the fruit has set, clip back the branches to hasten ripening.

Earliana—It is the earliest, large smooth red tomato. Although it ripens with the very first, it is of good size, a handsome bright red color and smooth, showing none of the rough or cracked fruits so often found in extra early tomatoes. The flesh is very solid, juicy, sweet and delicious. The vines are vigorous and prolific, bearing an enormous amount of good sized fruit. Prices: Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25. Postpaid.

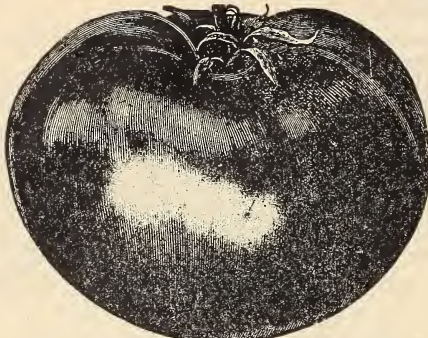
Chalk's Early Jewel—An addition to our list that is proving to be one of our best sellers. We did not offer this Tomato until we had tried it out and were thoroughly satisfied that it would please our customers. It is about a week later than the Earliana, but bears larger, smoother and more meaty fruit. The vines grow very compactly, are immensely productive and continue to bear until frost. In the latter respect it far surpasses the Earliana. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.25. Postpaid.



Chalk's Early Jewel

Dwarf Champion—Sold by some seedsmen as the Tree Tomato, as it stands up well when loaded with fruit. Plants may be set closer than is usual as the growth is very

compact. The fruit is smooth, attractive and the flesh is solid. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.10. Postpaid.



Acme

Acme—Is a very popular variety, smooth and round; fruit of a reddish-purple color. Ripens early. The flavor is excellent. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00. Postpaid.

Yellow Cherry—Fruits are a light lemon yellow, about one-half inch in diameter and are borne in small clusters. Bears early and until frost. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.85. Postpaid.

Ground or Husk Cherries—Fine for making pies or delicious for preserves. The vines cover the ground and yield abundantly. The fruit is enclosed in a husk. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.90. Postpaid.

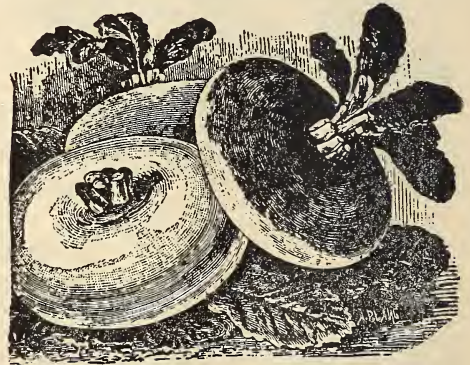
TURNIPS AND RUTA BAGAS

Fine for Winter

($\frac{1}{2}$ oz. to 100 feet of row—3 lbs. to the acre.)

Culture—For early use sow as soon as the soil can be worked, in rows 20 to 24 inches apart. For winter use sow from June 1st to 15th, thinning when three inches high to 8 to 12 inches between the plants.

Purple Top Strap Leaf Turnip—A general favorite and more extensively grown than any other variety. Will form good sized, edible bulbs in seven or eight weeks. The upper part of the root is exposed above ground and has a clear purple color while that beneath the surface is white. The flesh is white, sweet and



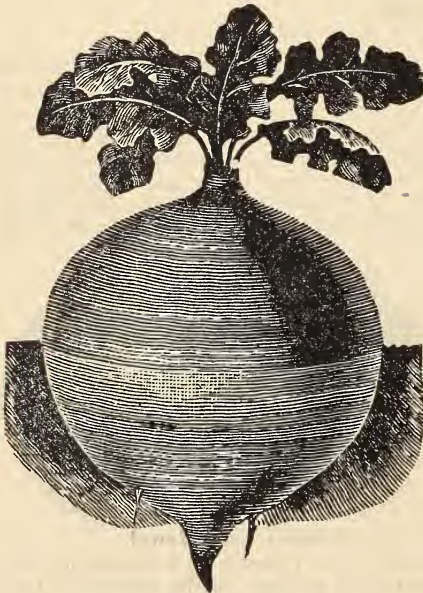
Purple Top Strap Leaf

tender. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50. Postpaid.

White Egg Turnip—Extensively grown for early turnips, the growth is very rapid. The roots are globular in shape and white in color. The flesh is firm and mild. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.60. Postpaid.

American Purple Top Ruta Baga—Of uniform shape and fine quality. Grows to a large size; skin smooth; flesh fine grained sweet and tender. Top small and neck short. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75. Postpaid.

Johnson's Favorite—This new offering is the result of two seasons trial-ground test and we believe that once it is tried it will have its place in your garden every year. The shoulder is more square than the majority of sorts, the size is greater and the flavor is delicious. Price: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00. Postpaid.



American Purple Top

CAMPUS LAWN GRASS MIXTURE



The beautiful lawn pictured above is the campus of the State Normal School at Valley City. This lawn was seeded with our lawn grass mixture. It attracts the attention of everyone who sees it and seldom is it seen without some favorable comment being made. It keeps that wonderful bright green from earliest spring until late fall. There are hundreds of lawns over the Northwest sown with the same mixture with equal success.

The various grasses we use in making this mixture are of the highest quality we are able to get. We could make a mixture that would sell for less and still permit us a larger profit, but we feel that our customers would rather pay a little more and know that they were buying the very best of seed.

"Campus Lawn Grass" is composed of a mixture of grasses that make a bright green lawn, attaining its color early in the spring and keeping it until late fall. It is drought resisting and will improve the looks of any home where the yard is sown with this wonderful mixture. It goes without saying that the better shape the soil is in before seeding, the better results and the quicker growth there will be. It must be remembered where a new lawn is being built that in every foot of earth there are hundreds of small weed seeds that will grow and these are often blamed to the seedsman as being in the lawn mixture. Our seed is chosen with the utmost care and is as pure as any grass seed can possibly be. Lawn grass to succeed must be sown more thickly than for any other purpose. A good rule is one pound to every three hundred square feet of space. Price: 45c per pound. Postpaid. 35c per pound by freight or express at purchaser's expense.

HERBS

Anise—Used for cordials, garnishing and flavoring.. Price: Pkt. 5c; oz. 20c. Postpaid.

Balm—Leaves used for making pleasant beverages. Price: Pkt. 5c; oz. 25c. Postpaid.

Basil Sweet—The leaves are used in flavoring soups, etc. Price: Pkt. 5c; oz. 20c. Postpaid.

Borage—Leaves used for flavoring, and flowers furnish bee pasture. Most easily grown in any waste place. Price: Pkt. 5c; oz. 15c. Postpaid.

Caraway—Grown for seeds; used for flavoring. Price: Pkt. 5c; oz. 10c. Postpaid.

Catnip or Catmint—Leaves and young shoots used for seasoning. Price: Pkt. 10c; oz. 40c. Postpaid.

Coriander—Seeds used in the manufacture of liquors, in confectionery and cul-

inary preparations. Price: Pkt. 5c; oz. 10c. Postpaid.

Dill—Seeds have an aromatic odor and pungent taste. Price: Pkt. 5c; oz. 10c. Postpaid.

Fennel Sweet—Ornamental; when boiled, used in fish sauce. Price: Pkt. 5c; oz. 10c. Postpaid.

Horehound — Used for seasoning and cough remedy. Price: Pkt. 5c; oz. 30c. Postpaid.

Lavender—An aromatic and useful medical herb. Price: Pkt. 5c; oz. 20c. Postpaid.

Majoram Sweet—Leaves and shoots for seasoning. Price: Pkt. 5c; oz. 20c. Postpaid.

Pennyroyal—Agreeable odor and flavor. Price: Pkt. 10c; oz. 75c. Postpaid.

Rosemary—The leaves of this plant are aromatic. Price: Pkt. 5c; oz. 20c. Postpaid.

Sage—An indispensable herb for seasoning. Price: Pkt. 5c; oz. 20c. Postpaid.

Summer Savory—Used in flavoring soups. Price: Pkt. 5c; oz. 15c. Postpaid.

Thyme—A medical herb, grows about 10 inches high; used largely in the treatment of nervous headaches. Price: Pkt. 5c; oz. 20c. Postpaid.

VEGETABLE PLANTS

Cabbage Plants—Early and late varieties. Price: Per 100, 80c. Postpaid.

Celery Plants—White Plume and Giant Pascal. Price: Per 100, \$1.00. Postpaid.

Cauliflower—Early Snowball. Price: Per doz., 20c. Postpaid.

Pepper Plants—Price: Per doz., 60c. Postpaid.

Tomato Plants—Earliana, Dwarf Champion, etc. Price: Per doz., 30c. Postpaid.

Tomato Plants—Extra large pot grown plants. Price: Per doz. 60c. Express collect.

SUMMER FLOWERING BULBS

Gladiolus—Good mixed, named varieties. Price: Per doz., 50c. Postpaid.

Gladiolus—Extra fancy, in either white, red, pink or blue. Price: Per doz., \$1.00. Postpaid.

Tuberose—Price: Per doz., 35c. Postpaid.

Tuberous Begonias—Dry bulbs. Price: Each 15c. Postpaid.

Tuberous Begonias—Started plants. Price: Each 25c. Postpaid.

Gloxinas—Dry bulbs. Price: Each 20c. Postpaid.

Cannas—Dry bulbs. Price: Each 15c. Postpaid.

Cannas—Started plants. Price: Each 25c. Postpaid.

Dahlias—All colors, dry bulbs. Price: Each 25c. Postpaid.

Cinnamon Vine—Price: Each 10c. Postpaid.

Madeira Vines—Price: Per doz., 50c. Postpaid.

Peony Roots—Best varieties (state color). Strong roots. Price: Each 50c; per doz., \$4.50. Postpaid.

FLOWERING BULBS FOR FALL PLANTING

Chinese Sacred Lilies—Price: Each, 12c; per doz., \$1.20. Postpaid.

Daffodils—Double yellow. Price: Each 6c; per doz., 65c. Postpaid.

Narcissus—Paper white. Price: Per doz., 45c. Postpaid.

Tulips—Fancy double varieties. Price: Per doz., 50c. Postpaid.

Tulips—Finest single named varieties, red, yellow, white and pink. Price: Per doz., 35c; per 100, \$3.00. Postpaid.

Tulips—Good grade mixed or separate colors. Price: Per 100, \$2.00. Postpaid.

Dutch Hyacinths—All colors, first size. Price: Per doz., \$1.50. Postpaid.

Dutch Hyacinths—All colors, second size. Price: Per doz., \$1.00. Postpaid.

Roman—Hyacinths—White. Per doz., 75c. Postpaid.

Calla Lily—Bulbs. Price: Each, 20c. Postpaid.

Easter Lily—Bulbs. Price: Each, 20c. Postpaid.

Freesias—Price: Per doz., 30c. Postpaid.

HARDY PERENNIAL PLANTS

(For Fall and Spring Planting.)

Hardy Aster—Purple flowers, strong clumps. Price: Each, 35c. Postpaid.

Bleeding Hearts—Heart shaped red and white flowers. Price: Each 35c. Postpaid.

Coreopsis—Tall yellow flowers. Price: Each, 25c. Postpaid.

Columbine—Assorted colors. Price: Each, 25c. Postpaid.

Day Lily—Yellow. Price: Each, 35c. Postpaid.

Pyrethum—Assorted colors. Price: Each, 25c. Postpaid.

Shasta Daisy—Price: Each, 25c. Postpaid.
 Forget-Me-Not—Price: Each, 20c. Postpaid.
 Fox Glove—Price: Each, 20c. Postpaid.
 Galliardia—Price: Each, 25c. Postpaid.
 Golden Glow—Price: Each, 35c. Postpaid.
 Hollyhock—Price: Each, 25c. Postpaid.
 Iris—Blue and yellow varieties. Strong plants. Price: Each 25c. Postpaid.
 Larkspur—Large clumps, assorted colors. Price: Each, 35c. Postpaid.
 Hardy Lilies—Price: Each, 25c. Postpaid.
 Lily of the Valley—Large clumps. Price: Each, 50c. Postpaid.
 Oriental Poppies—Assorted collors. Price: Per doz., \$2.00. Postpaid.
 Sweet William—Price: Per doz., \$2.00. Postpaid.

SPRING BEDDING PLANTS

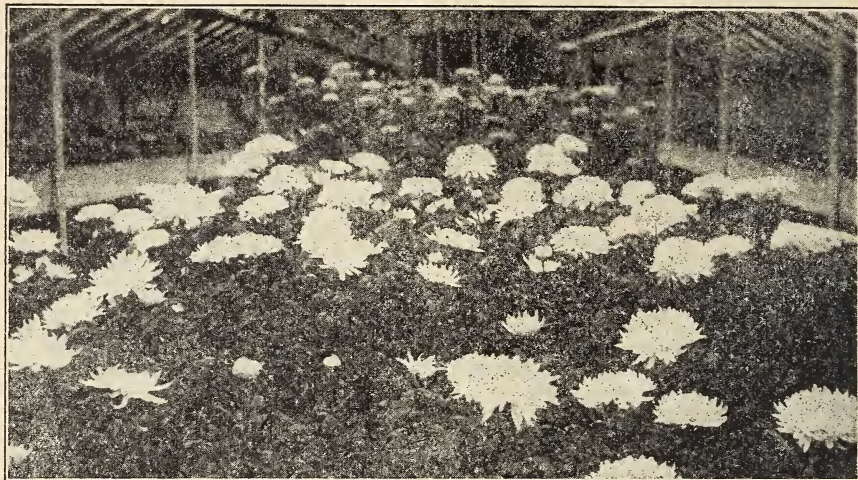
(For the Flower Bed, Porch Box and Window Garden.)

Aster Paints—Seedlings. Price: Per. Doz., 30c.
 Aster Plants—Pot grown plants. Price: Per doz., 60c.
 Ageratum—Purple and white, for borders. Price: Per. doz., \$1.00.
 Alyssum—Price: Per doz., 30c.
 Coleus or Foliage Plant—Price: Each, 15c.
 Forget-Me-Nots—Price: Per doz. 60c.
 Geraniums—Standard varieties. Price: Per doz., \$2.50.
 Geraniums—Fancy leaved varieties. Price: Each, 35c.
 Geraniums—Pelargonium or Lady Washington. Price: Each, 35c.
 Marguerite Daisies—Price: Each, 25c.
 Lobelias—Pretty border plants. Price: Per doz., 60c.
 Salvia or Scarlet Sage—Large plants. Per doz., \$1.50.
 Heliotrope—Four inch pots. Price: Each 25c.
 Heliotrope—Three inch pots. Price: Each, 15c.
 Verbenas—Price: Per doz., 50c.
 Feverfew—Large plants in bloom. Price: Each, 35c.
 Pansy Plants—Finest strains. Price: Per doz., 40c.
 Petunias—Double. Price: Each, 20c.
 Petunias—Single. Price: Per doz., 30c.
 Phlox Drummond—Price: Per doz., 30c.
 Stock—Ten Weeks. Price: Per doz., 30c.

WINTER BLOOMING AND DECORATIVE PLANTS

Below we list a number of blooming and decorative plants which can be readily grown in the home. They are full grown, bushy plants, usually in bud and bloom. You don't have to wait a year for your plants to become large enough to blossom.

Asparagus Plumosus, or Lace Fern—From 4 inch pots. Price: Each, 35c.
 Asparagus Plumosus, or Lace Fern—Larger size. Price: Each, 50c.
 Asparagus Sprengeri—Trailing fern. Price: Each, 25c.
 Arucaria Excelsa, or Norfolk Island Pine—Small size. Price: Each \$1.00.
 Begonias, Foliage—12 varieties in different colors. Price: Each, 15c to 50c.
 Chrysanthemums—White, pink and yellow, large plants. Price: Each \$1.00.
 Cyclamen or Alpine Violet—In 5 inch pots. Price: Each, 75c.
 Cinerarias—Large purple flowers, medium size. Price: Each, 50c.
 Cinerarias—Large purple flowers, large size. Price: Each, 75c.
 Fuschias—In many varieties of single and double, 3 inch. Price: Each, 15c.
 Fuschias—In many varieties of single and double, 4 inch. Price: Each, 35c.
 Hydrangeas—Large plants, 2 to 10 flower heads. Price: Each, \$1.00 and \$1.50.
 Dutch Hyacinths—4 inch pots in bloom. Price: Each, 30c.
 English Ivy—Large plants. Price: Each, 50c.
 Impatien Sultana—Perpetual bloomer. Price: Each, 25c.
 Lantanna—Standard and weeping varieties. Price: Each, 25c.
 Boston Ferns—Fine plants, 4 inch pots. Price: Each, 35c.
 Boston Ferns—Fine plants, 5 inch pots. Price: Each 75c.
 Kentia Palms—5 to 9 inch pots. Price: Each, \$1.50 to \$10.00.
 Primula Obconicas—Ever bloomers, 4 inch pots. Price: Each, 35c.
 Chinese Primrose—4 inch pots. Price: Each, 35c.
 Easter Lily Plants—Price: Each per bud and bloom, 25c.
 Jerusalem Cherries—Full of fruit, 4 inch pots. Price: Each, 50c.



A Section of One of Our Greenhouses

- Jerusalem Cherries—Full of fruit, 5 inch pots. Price: Each, 75c.
 Christmas Peppers—4 inch pots. Price: Each, 35c.
 Christmas Peppers—5 inch pots. Price: Each, 50c.
 Poinsettias—Single plants. Price: Each, 75c.
 Poinsettias—Several plants in pan. Price: Each, \$1.50.
 Periwinkles—Ever bloomers. Price: Each, 35c.
 Rose Plants—In 5 inch pots. Varieties: Richmond, red; Killarney, pink; Bride
 and Kaiserin, white; and Baby Ramblers. Price: Each, 50c.
 Carnations—Standard varieties, in bud and bloom. Price: Each, 50c.

SPECIAL NOTICE—To ship either the Spring Bedding or the Winter Blooming Plants by parcel post is unsatisfactory and the prices we have named are for the plants by express at purchaser's expense.

DESIGN WORK

Our florist makes a specialty of this class of work and we are ready at all times to furnish any of the designs listed below on short notice. Flowers and designs are packed to reach you in perfect condition regardless of extremes of temperature.

Wreaths of assorted flowers, according to size	\$ 4.00 to \$20.00
Wreath of Roses only, trimmed with ferns	6.00 to 30.00
Large wreath Carnations and Ferns	8.00 to 16.00
Plain crosses of assorted flowers	4.00 to 30.00
Maltese crosses, Casket crosses, etc.	7.00 to 20.00
Standing cross on large mounted base	10.00 to 30.00
Pillows, with inscription if desired	7.00 to 25.00
Standing Harp or Lyre, 2 to 3 feet in height	10.00 to 30.00
Broken Wheel on easel, 18 to 24 inches in diameter	8.00 to 18.00
Broken Column, 20 to 42 inches high	10.00 to 40.00
Stars, Hearts, Shields, etc.	6.00 to 15.00
Anchors, Sickles, etc.	5.00 to 15.00
Baskets of Flowers, surmounted by dove	6.00 to 14.00
Gates Ajar, 28 to 42 inches in height	20.00 to 40.00
Square and Compass (Masonic) height 24 to 33 inches	14.00 to 30.00
Cross and Crown (Masonic) width of crown 14 to 20 inches	16.00 to 35.00
Odd Fellows, Three links on base	10.00 to 20.00
Odd Fellows, Three links, flat	7.00 to 15.00
K. P. Shield	14.00 to 30.00
M. W. A. Emblem	10.00 to 25.00
Yeoman Shield	10.00 to 30.00
Boy Scout, Bow and Arrow design	7.00 to 15.00

Boquet of Roses tied, size varies with number of blooms.....	3.00 to	12.00
Flat Bunch of Lilies, tied	4.00 to	12.00
Spray of Carnations, tied	2.00 to	10.00

CUT FLOWERS

We are prepared to supply cut flowers of the following varieties during the months noted. As these flowers are grown here at Valley City, our service will be very quick and the stock always fresh.

	Per 12
American Beauty Roses, year round	\$4.00 to \$8.00
Richmond Red Roses, year round	2.00 to 2.50
Killarney Pink Roses, year round	2.00 to 2.50
Bride White Roses, year round	2.00 to 2.50
Kaiserin White Rose, April to December	2.00 to 2.50
Chrysanthemums, Sept. to Dec., white, yellow and pink, 1st size.....	4.00
Chrysanthemums, Sept. to Dec., white, yellow and pink, 2nd size.....	3.00
Carnations, year round, red, white and pink	1.00 to 1.25
Smilax, per string, 3 to 4 feet35
Narcissus, White, Nov. to Feb.75
Roman Hyacinths, Dec. to April	1.00
Tulips, all colors, Jan. to June75
Daffodils, yellow, Feb. to May75
Gladiolus, April to Sept.	1.75
Peonies, May to June	2.00
Lilies, Jan. to June	3.00

FLOWER SEEDS

This branch of our business has grown in the last few years by leaps and bounds. We believe one of the chief reasons is the care we exercise in the selection of varieties and the care exercised by our grower. We could buy many of the sorts we sell from sources of questionable character at a price that would increase our margin of profit to double what it now is, but we do not believe our customers would buy our seeds the second time if we should send them this inferior quality.

Our flower seed growing connection is one that will be hard to equal. Our grower is careful, efficient and has made a life study of the best conditions under which to produce vital seeds of a type far surpassing that that is ordinarily sold.

Our list is growing larger each year as the various varieties prove to us that they are suitable for the conditions under which the most of our customers must plant.

If you grow any flowers, we know that our stock will please.

Ageratum

A popular mid-summer flowering plant that is grown from seed. The growth is rapid, the flowers bloom early and continuously. Set the plants about 10 inches apart, and in a surprisingly short time a mass of charming color will appear and remain during the hot summer months.

Imperial Dwarf Blue—Grows about 6 inches high, rather compactly and is covered with a profusion of deep lavender flowers. Price: Pkt. 5c; 1/8 oz. 15c. Postpaid.

Alyssum

As an edging for a bed it is one of the finest annuals we have. Its flowers are rather small but pleasantly fragrant. It will bloom early and continue until frost. Sand should be mixed with the seed to prevent sowing too thickly.

Sweet—Usually not over 8 inches high, but spreading. Very useful for small bouquets. Price: Pkt. 5c; 1/8 oz. 15c. Postpaid.

Anemone (Wind Flower)

One of the earliest of the spring flowers. A hardy perennial that may be sown from April to August and does best in a sunny situation on a light, rich loam.

Single Mixed—Height about 6 inches. Flowers nearly 2 inches across, resembling

the single poppy in shape and presents a variety of shades of color. Price: Pkt. 5c; $\frac{1}{4}$ oz. 10c. Postpaid.

Asters

Sow out of doors as early in the spring as the ground is warm and dry. Cover the seed with $\frac{1}{4}$ inch of fine earth. The rows should be 18 inches apart and when the plants are 2 inches high thin to 16 inches in the row. Asters are quite hardy and a light frost will not harm them.



Queen of the Market

Crego-Giant—Considered the best mid-season Aster of American origin. Exceptionally large flowers, on long strong stems. The pedals are long with a decided curl. Fine for cutting. The plant is branching in habit and very vigorous in growth.

Crego Giant—Lavender. Price: Pkt. 10c; $\frac{1}{2}$ oz. \$1.00. Postpaid.

Crego Giant—Pink. Pkt. 10c; $\frac{1}{2}$ oz. \$1.00. Postpaid.

Crego Giant—Lavender. Price: Pkt. 10c; $\frac{1}{2}$ oz. \$1.00. Postpaid.

Crego Giant—Mixed colors. Price: Pkt. 10c; $\frac{1}{2}$ oz. 90c. Postpaid.

Queen of the Market—A very early blooming sort with a wide range of colors. The plants grow about 18 inches high, are rather compact, but branch well and bear 10 to 15 long stemmed double flowers of medium size.

White—Price: Pkt. 10c; $\frac{1}{2}$ oz. 50c. Postpaid.

Rose—Price: Pkt. 10c; $\frac{1}{2}$ oz. 50c. Postpaid.

Light Blue — Price: Pkt. 10c; $\frac{1}{2}$ oz. 50c. Postpaid.

Dark Blue—Price: Pkt. 10c; $\frac{1}{2}$ oz. 50c. Postpaid.

Crimson—Price: Pkt. 10c; $\frac{1}{2}$ oz. 50c. Postpaid.

Mixed—All the above and many others. Price: Pkt. 10c; $\frac{1}{2}$ oz. 40c. Postpaid.

Bachelor's Button

It is not a pretentious plant but will always please with its simple beauty. Re-seeds itself.

All Colors Mixed—A choice collection of the popular shades. Price: Pkt. 5c; $\frac{1}{2}$ oz. 15c. Postpaid.

Balsam

Also known as Lady Slipper. Balsam likes the hot sun, a rich soil and plenty of water. Plants should not be closer than 18 inches each way. Transplanting has a tendency to dwarf the plants and make them of better shape.

Dwarf Double Mixed—A superb mixture of the better sorts. Price: Pkt. 5c; $\frac{1}{2}$ oz. 25c. Postpaid.

Canterbury Bells

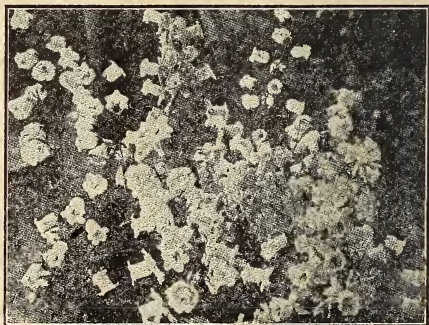
Sow early in the open ground in rows about two feet apart, covering the seed with about one-fourth inch of fine earth, well firmed. A well drained, light, rich soil is best, in the fall they should be thinned or transplanted to two feet apart. Height, two to four feet.

Choice Mixed—A well blended mixture of the varied colors. Price: Pkt. 5c; $\frac{1}{2}$ oz. 15c. Postpaid.

Castor Beans

Stately, strong, healthy growing plants that attain a height of about six feet. The leaves are broad, lightly tinged with red. As a center for a bed of plants it gives a semi-tropical effect. Sow the seed as early as possible without danger of frost and allow plenty of room for each plant.

Mixed Varieties—A special mixture of the named sorts. Price: Pkt. 5c; oz. 20c. Postpaid.



Canterbury Bells

Chrysanthemum

Seed may be sown in the open as soon as danger of frost is past, and the seedlings thinned to 8 or 10 inches apart. A showy plant for summer but should not be confused with the winter blooming sorts sold by florists, which are only propagated by dividing the roots.

Coronarium Double Fine Mixed—A garden favorite extensively grown for cut flowers. Price: Pkt. 5c; $\frac{1}{4}$ oz. 10c. Postpaid.

Candytuft

Sow in rows 12 inches apart, thinning to 4 inches in the row. Height about 15 inches, blooms early from seed and continues until late autumn.

Finest Mixed—Will produce a profusion of colors. Price: Pkt. 5c; oz. $\frac{1}{2}$ 20c. Postpaid.

Cosmos

Sow in the open ground early in the spring in rather light soil in a fairly sunny location. Bury the seeds from $\frac{1}{4}$ to $\frac{1}{2}$ inch firmly pressing the soil. When planted in rows leave 2 feet between them and 4 to 6 inches between the plants.

Early Flowering Mixed—Plants grow to a height of about 4 feet and bloom from 4 to 6 weeks earlier than some of the sorts. The colors include white, bright red and rose, flowers are of good size and somewhat resemble the single dahlia. They are well poised on long stems and are very useful in decorating. Price: Pkt. 5c; $\frac{1}{8}$ oz. 20c. Postpaid.

Cypress Vine

The seed may be sown quite early and should be placed where they are to remain and thinned to about 6 inches apart. Cover the seed with one-half inch of soil. Will climb 15 feet, has a dark green feathery foliage and is covered with beautiful star shaped flowers of red and white.

Mixed—A well balanced mixture of both red and white flowering sorts. Price: Pkt. 5c; $\frac{1}{2}$ oz. 20c. Postpaid.

Forget-Me-Not

A favorite old fashioned perennial. Dainty five pointed blue flowers are borne in clusters in great profusion in the spring and fall. For blooms the first year start early in the house and transplant, if sown in the open in the fall, protection should be provided.

Blue—An exceptionally fine strain. Price: Pkt. 10c; $\frac{1}{4}$ oz. 20c. Postpaid.

Four O'Clocks

A hardy annual of about two feet in height. Bury the seed one-half inch deep and for the better development of the plant allow it about 3 feet of space. The flowers open about four o'clock in the afternoon and remain open over night and are usually closed before noon, they are red, white, yellow or striped and tube shaped.

Mixed—Will produce a pleasing variety of colors. Price: Pkt. 5c; $\frac{1}{2}$ oz. 10c. Postpaid.

Heliotrope

A half-hardy perennial; height 18 to 24 inches. Start the seed indoors in good mellow soil, when two inches high re-set in pots and when twice the size transplant to open ground. Flowers are blue in color and very fragrant and are extremely attractive as a border plant. They should be taken up in this latitude.

Choicest Shades Mixed—An unsurpassed blend. Price: Pkt. 10c. Postpaid.

Hollyhocks

Produces long spikes of beautiful flowers, 3 to 4 inches in diameter. Very valuable for cut flowers. Sow early in the hot-bed or in the house and the plants will bloom the first season. Plant out where they are to remain in early summer, or sow

in any convenient place and transplant the following spring, where the plants are to remain.

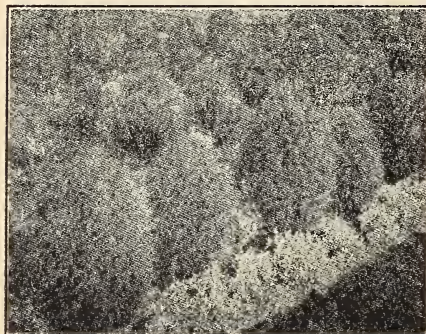
Early Flowering—Blooms readily as an annual the first year from seed sown in the spring. A wide range of colors in large double flowers. Price: Pkt. 15c; $\frac{1}{8}$ oz. 30c. Postpaid.

Hardy Perennial—Extra large double flowers of choice shades and colors. Price: Pkt. 10c; $\frac{1}{8}$ oz. 25c. Postpaid.

Kochia (Summer Cypress)

Sow early, covering the seed one-fourth inch deep, in rows two feet apart and allow 18 inches between the plants to have them globular in form. It grows to a height of about 30 inches, is a bright green color turning to a deep red in autumn. Makes an attractive hedge or foliage plant.

Northern Brand—A choice selection of this popular plant. Price: Pkt. 5c; oz. 30c. Postpaid.



Summer Cypress

Larkspur

Sow the seed early in the spring. Effective in borders or among shrubs. The flowers are much prized for vases.

Tall Double Hyacinth Flowered—Mixed—Flowers strikingly resemble those of the double Hyacinth. Delicate colors. Price: Pkt. 5c; $\frac{1}{4}$ oz. 10c. Postpaid.

Mignonette

Sow out of doors when danger of frost is past in rows a foot apart and thin to 6 inches in a row. Bury the seed one-fourth inch. A succession of plantings may be made for continuous blooming. The modest flowers are very fragrant and are used to tone down bouquets of bright colored flowers.

Large Flowering (Mixed)—Large varied colored blossoms. Price: Pkt. 5c; $\frac{1}{2}$ oz. 15c. Postpaid.

Marigold

For best results start the plants indoors and transplant 6 inches apart when danger of frost is past, however Marigolds will bloom well if sown in the open ground, in rows 12 inches distant, on a well pulverized soil and the seed covered one-fourth inch. No flower garden seems quite complete without a few, at least, of these charming yellow and orange blossoms.

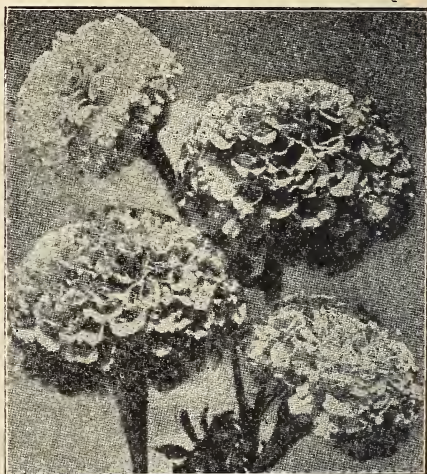
Dwarf French (Mixed)—Low bushes covered with masses of flowers. Price: Pkt. 5c; $\frac{1}{4}$ oz. 10c. Postpaid.

Tall African (Mixed)—Double flowers of rich shades. Price: Pkt. 5c; $\frac{1}{4}$ oz. 10c. Postpaid.

Morning Glory

Sow early where they are to remain, covering the seed about a half inch. Thin to one plant every 4 to 6 inches. If given a support the plant will climb for 10 feet or more. It makes a handsome showy covering for windows, trellises, porches, etc. The flowers are open in the early morning and close about noon each day.

All Colors (Mixed)—A choice mixture of the white, red, blue and striped. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c. Postpaid.



Marigold

Nicotiana

May be started indoors for early blooms or seed sown in the open ground after it has become warm and dry. Seed is very fine, cover with only about one-eighth inch of earth. Plants grow about three feet high and are a half hardy annual.

Mixed Hybrids—A member of the tobacco-family. A handsome bedding plant valuable as a long and free bloomer. This mixture is of the best type and contains a wide diversity of color. Nicotiana has a pleasant fragrance as well as an attractive appearance. Price: Pkt. 5c; $\frac{1}{8}$ oz. 15c. Postpaid.

Nasturtium

As soon as the weather is warm and settled sow the seed in well worked soil and preferably in a sunny situation. On very rich soil the foliage will be heavy but not as many flowers. Bury the seed one inch. Nasturtiums are easily cultivated and have long been a favorite garden flower. By picking the blossoms as fast as they appear and not allowing the plant to go to seed, the profusion of blooms will be greater and continue until frost.

Dwarf Mixed—Height about one foot. A well blended mixture of the choice shades and colors. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c. Postpaid.

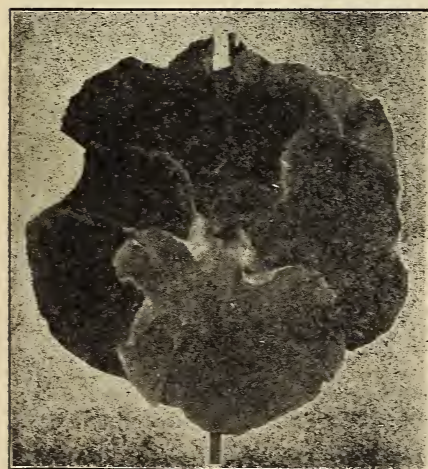
Tall or Trailing (Mixed)—All the popular colors. Height four to eight feet. Price: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 Postpaid.

Pansy

Seed may be started early or sown out of doors a little later and should be transplanted when an inch high to a place that is sheltered from the wind but exposed to the morning sun. Young plants that have grown slowly and have been in a partially shaded spot, will produce larger and better flowers. Seed sown in July will bloom in the fall and September sown seed early the following spring. Do not allow the plants to lack for moisture. Close picking of flowers causes them to keep on blooming.

IF YOU ARE A LOVER OF PANSIES BUY THIS SEED

Colossal—In offering this wonderful Pansy we are again following our policy of not selling a thing that we have not tried and found to be one of the best of its class. Last summer we grew Pansies from seed sown in the house during February that by actual measurement were two and three-quarters inches across. The range of colors and the variety of markings is the greatest surprise to the grower of the ordinary Pansy. In our Colossal we have a Pansy that grows its flowers on extra long stems gracefully poised above the foliage. While an abundance of flowers are produced from each plant the yield of seed is very light. Our supply of seed is limited and more can not be had until another crop is harvested. Price: Pkt. 25c.



King of Blacks (Actual Size of
Giant Trimardeau)

Giant Trimardeau — Our strain of this wonderful pansy will produce flowers of a much larger size than is usually possible. In the straight colors a grower may be positive that they will be true to type and name.

White with Purple Eye—Pure white ped-
als, purple eye. Price: Pkt. 10c; $\frac{1}{8}$ oz. 35c.
Postpaid.

Emperor William — Ultramarine blue,
purple eye. Price: Pkt. 10c; $\frac{1}{8}$ oz. 35c.
Postpaid.

King of Blacks—A jet black. Price: Pkt.
10c; $\frac{1}{8}$ oz. 35c. Postpaid.

Goldelse (Aurea Pura) — Bright canary
yellow. Price: Pkt. 10c; $\frac{1}{8}$ oz. 35c. Post-
paid.

Kewpie—Bronze center, shading to bright
yellow on outer edge. Price: Pkt. 10c; $\frac{1}{8}$
oz. 35c. Postpaid.

Mixed—A really extraordinary mixture
showing a wide range of colors and mark-
ings. Price: Pkt. 10c; $\frac{1}{8}$ oz. 25c. Postpaid.

Petunia

The seeds may be planted directly to the open ground in a warm sunny place, but not until the danger of frost is past. Do not allow the plants to want for moisture, water with a fine spray. Bury the seed one-eighth to one-fourth inch, firming the soil well. Rows should be two feet apart and the plants thinned to 18 inches apart. Petunias attain a height of 18 inches, blooming the first year and continuing until frost.

Hybrida Mixed—An extra selected mixture of the choicest colors. Price: Pkt. 10c; $\frac{1}{8}$ oz. 25c. Postpaid.

Pinks (Dianthus)

Sow in the open ground when the danger of frost is past. Bury the seed one-fourth inch, firming well in rows 12 to 15 inches apart. When about 2 inches high thin to 4 inches apart. Pinks are not a fragrant flower but the variety of color makes them well worth the trouble of growing. The stems are long and the flowers with their slender green leaves make exceptionally attractive bouquets. Price: Pkt. 5c; $\frac{1}{8}$ oz. 20c. Postpaid.

Phlox

The seed may be sown very early in the spring in rows 12 inches apart; when four inches high thin to four inches apart. Bury the seed about one-fourth inch in rich, mellow soil and firm well. A height of about 12 inches is attained. Phlox will bloom profusely through a long season and the display of brilliantly colored flowers is unsurpassed in any plant of as easy culture.

Grandiflora Drummondii (Mixed)—An extra fine mixture of seeds containing the best of the named sorts and will produce an abundance of multi-colored flowers. Price: Pkt. 5c; $\frac{1}{8}$ oz. 15c. Postpaid.

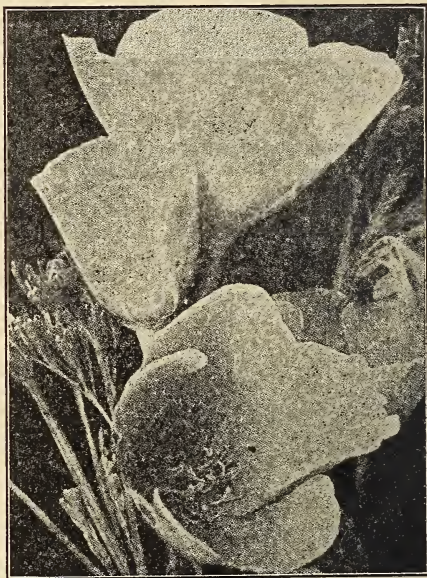
Poppy

Sow the seed as early in the spring as the ground can be gotten ready and in rows about 15 inches apart, covering the seed one-fourth inch with well pulverized soil. Thin to one plant to every 6 or 8 inches. Poppies are so well known that they do not need a description, as their wide range of bright colors have been enjoyed by most every one for years.

Carnation Flowered—Large sized flowers of all shades, many striped. Price Pkt. 5c; $\frac{1}{8}$ oz. 10c. Postpaid.

California (Escholtzia) — Deep yellow. The state flower of California. Price: Pkt. 5c; $\frac{1}{8}$ oz. 15c. Postpaid.

California (Escholtzia Mixed)—Showing the choice varieties and color of the deservedly popular flower. Price: Pkt. 5c; $\frac{1}{8}$ oz. 10c. Postpaid.



California Poppy

Portulaca

(Also Known as Rose Moss.)

When the weather is warm and settled sow the seed where the plants are to remain in rows one foot apart and in a sunny place, covering the seed about an eighth of an inch. Portulaca will make a dazzling display of color if sown in beds. The flowers are about an inch in diameter and show many shades of the bright colors.

Single Mixed—A wide range of brilliant colors. Price: Pkt. 5c; $\frac{1}{8}$ oz. 20c. Postpaid.

Stocks

Sow in the open ground early, in rich soil that is well pulverized and covering the seed about one-fourth inch, pressing the soil well. The plants grow to a height of

12 to 18 inches and should be thinned to six inches apart in rows that are 15 inches apart. The early flowering sorts may be started in the house or under glass and transplanted to the permanent bed, preferably on a dull or showery day.

English Single Mixed—Produces a profusion of rich colors. Price: Pkt. 5c; ¼ oz. 20c. Postpaid.

Sweet Peas

Dig a deep trench in rich soil. Provide a support when plants are 4 to 5 inches high. Water freely and keep the pods well picked off to lengthen the blooming season.

SPENCER TYPE

This type of Sweet Peas grows much larger in size than the ordinary Sweet Pea known as the grandiflora type. They are a comparatively new strain, but one that has become justly popular with all lovers of this magnificent flower. The stems are long and bear from 3 to 5 very large fragrant blossoms.

America—(Spencer)—A white, striped with a bright crimson scarlet. Price: Pkt. 15c; oz. 30c; ¼ lb. \$1.00. Postpaid.

Captain of the Blue—(Spencer)—A very distinct purple. Price: Pkt. 15c; oz. 30c; ¼ lb. \$1.00. Postpaid.

Countess—(Spencer)—A beautiful delicate pink. Price: Pkt. 15c; oz. 30c; ¼ lb. \$1.00. Postpaid.

Dorothy Eckford—(Spencer)—A pure white. Price: Pkt. 15c; oz. 30c. Postpaid.

Mrs. Walter Wright—(Spencer)—A popular light blue. Price: Pkt. 15c; oz. 30c. Postpaid.

Othello—(Spencer)—The darkest Sweet Pea in existence, almost black. Price: Pkt. 15c; oz. 30c. Postpaid.

Stirling Stent—(Spencer)—A brilliant scarlet. Price: Pkt. 15c; oz. 30c. Postpaid.

Mixed—(Spencer)—A well balanced mixture containing over 40 of the named varieties. It is especially mixed for us and will be found far superior to many mixtures that are on the market, as the range of color is very great. Price: Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. \$3.00.

GRANDIFLORA TYPE

This type of Sweet Pea has been grown so many years that it is familiar to every one, but since the advent of the Spencer type, there are many varieties that have become extinct and our offerings in the straight colors are the best of the many, once favored varieties.

Blanche Burpee—A pure white. Price: Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.80. Postpaid.

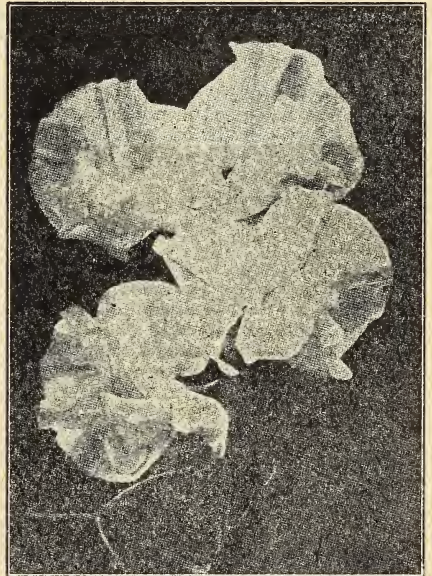
New Countess—A delicate shade of lavender. Price: Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.80. Postpaid.

Black Knight—A very dark purple. Price: Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.80. Postpaid.

Firefly—A bright crimson scarlet. Price: Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.80. Postpaid.

Kathryn Tracy—A soft brilliant pink. Price: Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.80. Postpaid.

All Colors (Mixed)—A carefully chosen mixture, producing a large variety of colors and a vigorous growth of vines. Price: Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00. Postpaid.



Grandiflora Type (Actual Size.)

Sweet William

Start early in the spring in open ground in rich mellow soil. If in rows they

should be 21 inches apart, when 2 inches high thin to 6 inches in the row. A hardy perennial one and one-half feet high.

Diadem—A grand and most striking selection. The flowers are a deep rich crimson with a well defined white eye. A very distinct variety. The flower heads measure from three to four inches across and are borne on well developed sturdy stems. Price: Pkt. 10c; $\frac{1}{8}$ oz. 20c. Postpaid.

Wall Flowers



Wild Cucumber

Sow the seeds early indoors and while the plants are small transplant to pots and sink in the earth. On approach of cold weather remove the pots to the house, the plants will bloom all winter. height of plants about 18 inches.

Triumph—A new strain of Blood Red quite distinct from other sorts. Very large flowers of a velvety substance and rich colors are borne on sturdy plants. Price: Pkt. 5c; $\frac{1}{8}$ oz. 15c. Postpaid.

Wild Cucumber

Sow in a trench about 1 inch deep with the seed 3 to 4 inches apart where a vine is wanted for covering or screen. Wild Cucumber may be sown late in the fall or early in the spring, and will produce plants year after year from self sown seeds.

Tall Climbing — Very hardy and of vigorous growth. Price: Pkt. 5c; oz. 20c. Postpaid.

Verbena

The seed will germinate quicker if soaked in lukewarm water before planting. Have soil well pulverized and enriched. Cover seed with about $\frac{1}{4}$

inch of soil and when young plants have 3 or 4 leaves, transplant in rows 2 feet apart each way.

Hybrida Mixed — Used for carpeting around tall flowers and our strain shows a wide range of colors in the flowers. Price: Pkt. 5c; $\frac{1}{8}$ oz. 10c. Postpaid.

Zinnia

Sow early in the spring out of doors in a good rich soil in rows 18 inches distant and bury the seed $\frac{1}{4}$ inch. When the plants have attained a height of about 2 inches, thin to 6 inches apart in the row. Plants attain a height from 18 to 24 inches and produce double flowers of 2 inches in diameter in many striking colors.

Elegans Mixed — Especially large flowers of brilliant and varied colors. Price: Pkt. 5c; $\frac{1}{8}$ oz. 10c. Postpaid.



Zinnia

FIELD SEEDS

You will note we are not naming prices on a part of our field seeds in this catalog. The book is printed and ready for to mail by Jan. 1st. The field seed market is very unsettled and good stocks are scarce, we look for a shortage in some instances. Any item you are interested in, we will be only to glad to quote you our lowest

Field Seed Prices Subject to Change Without Notice.

price. We feel this is the only way we can handle field seeds as long as conditions are as unsettled as they are now.

Our field seed business is increasing each year. The secret of our success is the fact that we sell only such seeds as are adapted to the Northwest, seeds that are acclimated and that have proven their worth to the Northern planter. We are located right here in the midst of the section of the country that uses the varieties we sell. We know the sorts of seeds needed. No new kinds are offered until we are absolutely sure that it is a valuable crop for our farmers to grow. Our cleaning machinery is up to date and in charge of competent men. Careful tests for purity and germination are made and all seeds we send out will meet every requirement of the North Dakota Pure Seed Law, which, by the way is one of the most strict of any state. In a few words we spare no expense to have the best seed obtainable at a price as reasonable as is consistent with the high quality of goods offered.

CORN

The supply of good Northern Grown seed corn is very limited and considerable disappointment will be caused if orders are not placed early. You can place absolute dependence in any corn bought of us being exactly what we represent it to be.

Culture—Sow from May 10th until June 1st. When checked in a bushel will plant 7 acres. Put 3 or 4 kernels in the hill. When drilled a bushel will plant about 5 acres, kernels 3 or 4 inches apart. Fodder corn is usually drilled at the rate of a bushel to 3 acres.

Frequent and thorough cultivation is necessary for the best results, care should be exercised that the plows are not set too deep, so as to injure the surface roots. A mulch of an inch deep over the roots will conserve the moisture, keeping a hot dry period from retarding the growth of the corn.

Northwestern Dent—This corn has been a favorite with the Northwestern planter for so many years that it hardly needs a description. It grows to a height of about six feet. The ears are from eight to ten inches long with 12 rows of well filled kernels. The ears are borne well up from the ground permitting the use of the corn-binder. The kernels are a dark brownish red, with a yellow cap, well set on the cob.

This corn is strictly northern grown, carefully selected and cured. The germination is very high and the kernel full of strong vitality. There will be offered by dealers not as fortunate as ourselves, corn that was grown too far south to fully mature in this section. You can not afford to take a chance with any corn of unknown origin. Send early, our stock is limited. Price: Lb. 40c. Postpaid; $\frac{1}{4}$ bu. \$3.50; $\frac{1}{2}$ bu. \$6.50; bu. \$12.00, by freight of express at purchaser's expense. Bags extra at 45c.

Minnesota No. 13—The earliest of the yellow dent corns. Minnesota No. 13 often matures in 90 days when the soil and location are favorable and is sure in from 95 to 100 days under varied conditions. The ears average about eight inches in length, with 16 to 20 rows of bright yellow, smooth, tapering kernels; the cobs are well filled the full length and the kernels close set. No corn excels Minnesota No. 13 in quality or appearance as it grows about 7 feet tall and is very leafy. This corn is specially desirable for farmers who wish to grow a new variety or change their entire acreage, as it readily adapts itself to changes of soil or climate. Many varieties of corn will not do this sometimes taking years to acclimate. Minnesota No. 13 is grown with great success under many and varied conditions. Price: Lb. 35c. Postpaid. $\frac{1}{4}$ bu. \$3.00; $\frac{1}{2}$ bu. \$5.50; bu. \$10.00, by freight or express at purchaser's expense. Bags extra at 45c.

White Rustler—The earliest white dent corn in existence. This corn is a prize winner wherever it is exhibited. The ears have 14 to 18 rows of well set, good sized kernels. The ears are well up from the ground permitting the use of the corn-binder. The quality of the corn and the amount of fodder make White Rustler well worth growing. Price: Lb. 35c. Postpaid. $\frac{1}{4}$ bu. \$3.00; $\frac{1}{2}$ bu. \$5.50; bu. \$10.00, by freight or express at purchaser's expense. Bags extra at 45c.

North Dakota White Flint—This corn will produce ears of from eight to ten inches in length. Very early maturing. No better corn can be found for hogging off. Price: Lb. 35c. Postpaid. $\frac{1}{4}$ bu. \$3.00; $\frac{1}{2}$ bu. \$5.50; bu. \$10.00. By freight or express at purchaser's expense. Bags extra 45c.

Mercer Flint—An extra early yellow flint, which has been grown in this territory for a number of years with great success. This corn matures in an ordinary season

in from 75 to 80 days. The yield is very heavy, the ears are about ten inches long with eight to ten rows of well filled kernels from butt to tip. Price: Lb. 35c. Postpaid. $\frac{1}{4}$ bu. \$3.00; $\frac{1}{2}$ bu. \$5.50; bu. \$10.00. By freight or express at purchaser's expense. Bags extra at 45c.

FODDER CORN

Fodder corn can in many instances be substituted for the northern grown corn where it is used for forage only. The yield per acre is very heavy and will produce a rough fodder at a low cost per ton.

Large Yellow Dent—Grows to a height of from eight to ten feet producing an enormous amount of fodder. The joints are short thereby making a greater amount of fodder than corn with long joints. Price: $\frac{1}{4}$ bu. \$1.25; $\frac{1}{2}$ bu. \$2.25; bu. \$4.00. By freight or express at purchaser's expense. Bags extra 45c.

Red Cob Fodder—(White Seed)—Grows to a height of about 12 feet, makes a fine yield of many tons of sweet, juicy fodder, which the stock eat clean. A great favorite with the dairymen. Price: $\frac{1}{4}$ bu. \$1.25; $\frac{1}{2}$ bu. \$2.25; bu. \$4.00. By freight or express at purchaser's expense. Bags extra 45c.

Mixed Fodder—Price same as Red Cob.

Sweet Fodder Corn—This makes a fine fodder and will mature ears in practically every part of the Northwest. The stalks are rather small and when fed ear and all makes a sweet feed that is hard to equal. Drill thickly in rows. Price upon application.

AMBER CANE

The most popular of the Sorgham family grown in the Northern states. The best yields are obtained on rich sandy loams, but when grown on gumbo, hard pan or other poor soils, it is more successful than other crops. Since the growth of the plant is very slow during the first few weeks, it is essential to have the soil free of weeds and of all good tilth, otherwise the plants may be smothered by the weeds. Prepare your land as you would for corn. One of the most enthusiastic and successful growers in this vicinity sets his drill as he would for oats stopping up the feed tubes so that the rows are three feet of three and one-half feet apart to allow cultivation. Seeding in this manner will require about 12 or 15 pounds to the acre.

For silage or fodder, cane is best harvested when the seed is in the dough stage, using the corn binder. Cane is as good for fodder as corn, the stems being juicy and palatable. For hay it may be cut as soon as high enough, though the best quality is obtained shortly after blooming. Growers of both cane and corn agree that the cane will out yield corn. As forage the range is anywhere from five to forty tons per acre and of hay from two to five tons.

The popularity of cane is getting larger each year and will soon be found growing in every section of the Northwest. Don't fail to try a field of cane this year. Price: Pound 30c. Postpaid. 10 lbs. \$1.30; 25 lbs. \$3.00; 100 lbs. \$11.00. By freight or express at purchaser's expense. Sax extra at 45c.

ALFALFA

Culture—Have as near a perfect seed bed as is possible to make, preferably on land that has been cropped to potatoes or corn the preceding year. Sow at the rate of about 8 or 10 pounds to the acre, when there is from 8 to 12 inches of growth go over the field with the mowing machine set as high as possible, leaving the clippings lay as they fall for a mulch to protect the crown of the roots through the winter. Alfalfa, whether the first or any succeeding year should not have less than eight inches of growth when freezing weather comes. The crown of the roots needs this protection. After the first year it may be cut for hay or pastured. Select high well drained land for your alfalfa field, nothing will kill out a field as quickly as water standing on the field or surrounding the roots. Above all things use Northern Grown seed.

Northern Brand—If there is any one thing we take exceptional pride in, it is our Northern Brand Alfalfa Seed. We have received many compliments for this seed since starting to handle it in 1913. We get it every year from the same parties and from the same fields, the fields have been established for nearly 25 years, so we

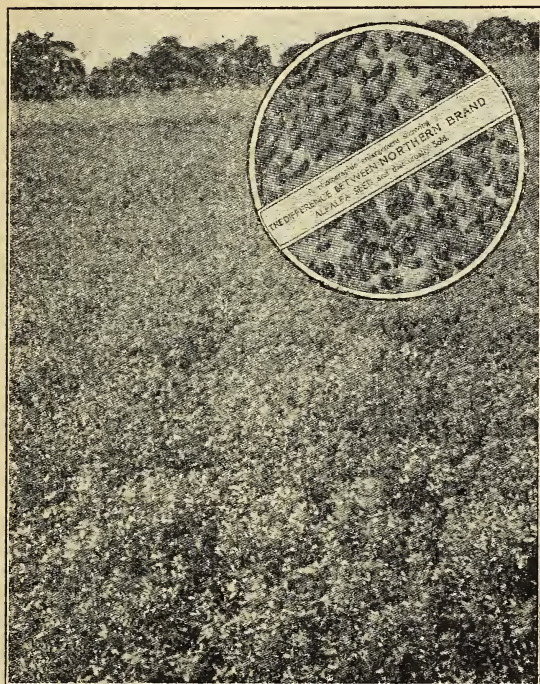


know we can sell you acclimated seed and can guarantee you a very high purity test. We have never yet sold an ounce of our Northern Brand seed that was not within less than one half of one per cent of absolutely pure. Think what it means, seed so well cleaned that it is practically 100 per cent perfect. It must be far better than some seed that is offered.

An Alfalfa field is more or less of a permanent investment. A field sown with well

accimated seed should last for 10 years at the least and some stay for a life time. When this is considered a small extra investment at the start for the best seed will pay you a high rate of interest. We know our seed is right and that it is entirely suitable for any section of the Northwest. We have customers who would no more think of sowing any other brand of Alfalfa seed than they would of ceasing to grow it altogether. Price: Pound, 35c. Postpaid. Pound 25c at purchaser's expense by freight or express.

Genuine Grimm—This variety of Alfalfa has the reputation of being the hardiest known. It is often spoken of as Everlasting. The seed we are offering was grown in Western North Dakota on non-irrigated land. The seed that was sown on this field was registered at the Agricultural College at Fargo. It is a well known fact that the College will not register seed that is not all that it is claimed and they insist that they have absolute proof of the origin so that no seed will be registered that is not absolutely pure and of the variety claimed. Our grower has had his seed registered and



"Northern Brand"

we know positively that our seed is the Genuine Grimm. This is the seed that is advocated by the County Agents all over the state.

If you are in the market for Alfalfa it will pay you to sow the Grimm or Everlasting. By sowing this seed you are making a permanent investment of the sort that will increase the value of your land. Price: Pound 55c. Postpaid. 10 lbs. \$4.50; 25 lbs. \$11.00; 50 lbs. \$21.00; 100 lbs. \$40.00. By freight or express at purchaser's expense.

SWEET CLOVER

White Blossom (*Melilotus alba*)

Until within the past few years Sweet Clover was considered a noxious weed and of no value as a forage, soiling crop or land renovator. The past few seasons this wonderful plant has gained in favor to such an extent that the demand for seed has far exceeded the supply.

Soils Adapted.

Almost any land reasonably well drained will grow Sweet Clover. It has been found in almost pure sand, in gravel pits and in fact on all sorts of soil except clay in sections lacking lime in the soil. If sown on the poorer fields for pasture it will in a few years bring the land up to a state where it will profitably produce the ordinary cultivated crops.

Preparation of the Seed Bed

The seed bed for Sweet Clover should be compact and worked until as many air

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spaces are cut of the soil as is possible to remove, leaving just enough loose soil to cover the seed. The lack of thorough preparation or the providing of sufficient soil to cover the seed will more often cause a failure than any other thing.

Seeding

Early spring seeding on fall plowed land at the rate of from 8 to 10 pounds per acre and the seed sown in the same manner as Alfalfa seed has been found to give the best results in the Northwest. Hulled seed is much preferred to the unhulled, as it will germinate much more quickly.

Uses and Treatment of Sweet Clover

The first season, as soon as the weeds become at all noticeable, the field should be clipped at a height of 5 or 6 inches, thereby eliminating to a large extent many of the weeds and also causing the Sweet Clover to stool and not grow slender and spindling.

Sweet Clover may be pastured the first season until late in the fall, even after a number of killing frosts have occurred, as the plant does not seem to require a top growth for winter protection. If the pasturing is not sufficient to keep the young plants eaten back, a cutting of hay may be made when the growth ceases in the fall.

The second season if the field is to be pastured it will be found ready to graze earlier than almost any other plant. If hay is to be made, it is best to cut before the first bloom pods appear, as after reaching this stage it becomes coarse, woody, and loses much of its nutritiousness. A second cutting may be had or the plant allowed to go to seed.

Many growers, where they desire a permanent field or pasture, cut the plant as high as possible, allowing the seed pods near the ground to ripen and reseed the field.

Sweet Clover has a number of different uses. It is grown for hay, ensilage, pasture, for renovating wornout soils, as its root system, which is far-reaching, will break up the subsoil, making it friable; it may be turned under for green manure and is used extensively for a bee pasture.

The white blossomed Sweet Clover is by far the better of the varieties. It makes more tons of feed to the acre and has a greater feeding value. The same bacteria required for Alfalfa will be found in the Sweet Clover field, making it possible for Alfalfa to successfully follow without inoculation or other special preparation.

Frequently, stock will refuse Sweet Clover when first offered them, but soon acquire a taste for it and will fatten on it very rapidly.

Our Grade of Seed

We handle but one grade of this seed, that being the best obtainable anywhere and only of the one variety, that with the white blossom. We are able to buy seed of questionable quality which could be sold as a much lower price than the grade we handle. Our prices for this seed are as low as is consistent with the quality offered. Let us send you a sample before your purchase. **Hulled Seed. Price: 45c. Postpaid. Pound 30c. By freight or express at purchaser's expense.**



Field of Sweet Clover

Why not start a Clover field or pasture this spring? Put it on the poorest piece of land you have and let it build up a soil that will grow successfully Alfalfa or any of the cultivated crops.

Sweet Clover if included in your system of crop rotation will do more to produce a high state of fertility than any other factors.

Sweet Clover makes the earliest pasture and may be grazed latest in the fall, it is nearly equal in feeding value to Alfalfa and does not have the same tendency of causing the animals to bloat.

Northern Seed Co., Valley City, N. D.

Gentlemen: I have used your seed for several years past, and have found them satisfactory. Kindly fill enclosed order immediately and oblige,
Coteau, N. Dak.

Respectfully,

RUTH COLLINS.

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ALSIKE CLOVER

Culture—Alsike Clover is best adapted to low lying lands, as for instance slough lands, but will grow well on most any moist soil. It does especially well on soils rich in lime. Usually it gives but one crop of hay and one crop of seed in a season. For a seed crop it ought to be sown alone, but for hay it is best sown with Timothy or with Timothy and Red Top. When sown with Timothy about 3 lbs. of Alsike and 6 pounds of Timothy are sown. If Red Top is also sown 3 lbs. of each will answer. It is usually sown with a nurse crop of barley or some other grain, preferably, the former. In some instances it is sown with Timothy and Red Clover for hay, the proportions being about 3 lbs. of Red, 2 lbs. of A sike and 5 lbs. of Timothy per acre. The seed should be sown early in the season and in the same way as Red Clover.



Alsike Clover.

Alsike Clover makes a very fine quality of hay and remains much longer in the soil than Red Clover. Like all clovers it brings nitrogen and humus to the soil.

Our seed is grown in the Northwest and so will be found thoroughly acclimated and far superior to Southern grown seed that is offered by the majority of our competitors.

Price: Per lb. 45c. Postpaid. \$16.80 per bu. by freight of express at purchaser's expense.

SLENDER WHEAT GRASS

Culture—This is also known as Western Rye Grass. It will stand dry conditions better than other cultivated grasses. Sow early in the spring using 12 to 15 lbs. of seed per acre, or if sown with Bromus for pasture, use 6 lbs. of each, mixing the seed before sowing. For hay it should be cut promptly, to prevent its becoming woody.

Our sales of this seed have been increasing each year. Our method of cleaning is such, that the purity test is almost perfect.

The hay is somewhat finer than Bromus and the root system more easily eradicated than Bromus. It will be found excellent either for hay or for pasture as it will withstand an enormous amount of trampling by the stock. Price: Per lb. 25c. Postpaid. Per lb. 14c by freight or express at purchaser's expense.

BROMUS INERMUS

Culture—Brome Grass, sometimes called Russian or Australian Clover, will grow reasonably well on any soil that will produce grain crops, but it grows best on moist soils. It will be stand conditions that will be more dry than would be suitable for timothy. It may be sown any month, but is best sown in the early spring with a light sowing of grain to cut for hay. The seed is sown with a wheelbarrow seeder or by hand and covered with a harrow. With due care on moist soils it may be sown with the grain. When sown with Blue Grass about five pounds of each are sown to the acre. Brome Grass is considered by some the best pasture grass grown in the Northwest. Its growth is greatly improved by dressing of farm yard manure.

It is sometimes renewed by plowing and harrowing the ground in the late fall or early spring. To have it remain in its best condition it should be well disked occasionally to prevent it from becoming "sod bound." From 10 to 12 pounds of seed are required to the acre.

The North Dakota Agricultural College has kept us informed of growers who have seed that is free from Quack-Grass and only such stocks are purchased. Our cleaning machinery is especially adapted for seed of this nature and we feel that we have a right to be justly proud of our clean-free from fowl seeds stock. The prospective buyer will do well to compare a sample of our seed with any that may be offered him and judge for himself as to the quality. After you have made the comparison we can not but anticipate your order. Price: Per lb. 25c. Postpaid. Per lb. 14c by freight or express at purchaser's expense.

SUDAN GRASS

Culture—Sow after the soil has become warm and on a rich loam. Two cuttings may be had under favorable conditions. 15 to 25 lbs. are used when sown broadcast, when sown in rows and cul-



tivated 6 lbs. is sufficient. Bury the seed from one-half to one inch.

Sudan Grass is of a sorgham nature and does best in hot weather. From one to eight tons may be cut from an acre according to conditions. The height attained is from three to six feet, it may be cut with a mower and handled as the ordinary hay or cut with a binder. For hay it should be cut just before it heads out. It is an annual requiring seeding each spring. Price: Pound Postpaid, 35c. Pound 30c; 10 lbs. \$3.25; 20 lbs. \$6.00; 100 lbs. \$25.00 by freight or express at purchaser's expense.

Kentucky Blue Grass

Culture—When sown, 10 pounds of seed is necessary per acre, but in the Northwest it is usually mixed with some other grass and the following mixture is found very suitable. Kentucky Blue and Brome grass, five pounds each, Medium Red Clover, two pounds and Small White Clover one pound per acre.

Old Blue Grass pasture may be much improved with a coating of farm manure, well disked in.

Kentucky Blue Grass is also known as



Kentucky Blue Grass

Field Seed Prices Subject to Change Without Notice.

June Grass Kentucky Blue Grass is one of the most nutritious, hardy and valuable of the northern grasses. The name is somewhat misleading being that of a southern state, but the Northwest can grow it most successfully. Lawn grass mixtures contain quite a percentage of this grass and from the way they thrive throughout this section the most skeptical can not but admit that it is adapted to our conditions. Price: Per lb. 45c. Postpaid. Per lb. 30c by freight or express at purchaser's expense.

RED TOP

Culture—Red Top is best adapted to low rich lands and will grow under more moist conditions than any other grass.

Timothy, Alsike Clover and Red Top at the rate of three pounds of each per acre will produce hay indefinitely if occasionally fertilized with top dressing. Sow quite early in the spring with a thin nurse crop.

Solid Seed—Red Top grows to a height of two feet or more and yields about two tons of excellent hay per acre. The older the field the heavier the yield, as it increases in thickness for several years after being first established. Price per lb. 35c. postpaid. Per lb. 17c by freight or express at purchaser's expense.

TIMOTHY

Culture—Timothy grows best on a moist black loam soil and where humus is abundant. Drained sloughs and marshes are especially adapted to its growth, but it is also grown on all dark colored soil of the prairie. It also grows best in North-western areas from seed that has been grown northward. It is nearly in all instances sown with a nurse crop, preferably barley or winter wheat or rye. When

sown in the spring it cannot be sown too early. When sown in the fall it is preferably sown in August. The seed may be sown by hand, with a wheelbarrow seeder or preferably with an attachment to the grain drill. In some instances it is mixed with grain and sown with it on certain soils when the grain is not buried too deeply. When sown alone not fewer than 8 to 10 pounds per acre are sown as a rule, but some farmers get fair results with a less quantity. When sown with Red or Alsike clover 4 to 6 pounds is enough. Three pounds of Alsike and 3 pounds of Timothy or Red Top make an excellent combination for slough lands.

Practically all our seed is grown in this county and is well acclimated and thoroughly cleaned. Stock of all kinds will greedily devour Timothy hay and a ready market at the highest price can always be found for any surplus. Price: Per lb. 25c. Postpaid. $\frac{1}{4}$ bu. \$1.50; $\frac{1}{2}$ bu. \$2.75. bu. \$5.00 by freight or express at purchaser's expense. Sax extra 45c.

FIELD PEAS

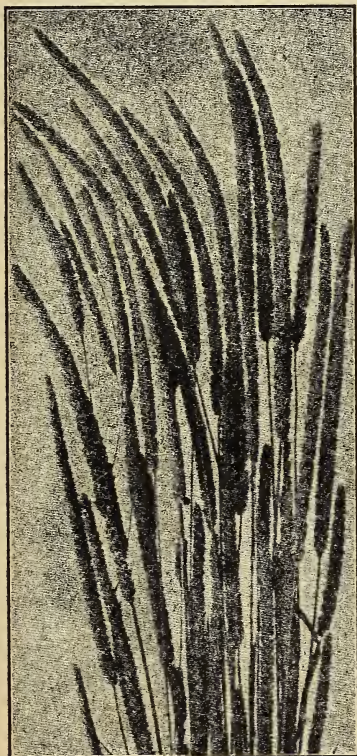
Culture—Sow about two bushels of seed to the acre, burying the seed as deeply as possible.

Canadian Field Peas

Field Peas are the greatest soil restorer known. Any farm which has been cropped to small grains for several years will find a liberal acreage of field peas to be beneficial to the succeeding crops. Field Peas may be used as a pasture, cut green for hay or plowed under to enrich the soil. A mixture of field peas, barley, oats and rape make an excellent field either for pasture or for hay. The stocks we are offering are bright, clean, well acclimated peas that have proven themselves the most profitable to raise in the Northwest. Price:

$\frac{1}{4}$ bu. \$2.00; $\frac{1}{2}$ bu. \$3.75; bu. \$7.00 by freight or express at purchaser's expense.

Field Seed Prices Subject to Change Without Notice.



Timothy



Red Clover

under favorable conditions as high as 50 bushels to the acre. Prices on application.

SMALL WHITE CLOVER

Culture—This variety of clover will succeed under almost all climatic and soil conditions, but is best on fairly moist soils and in moist seasons. It is commonly grown for the protection of other grasses, especially Blue Grass and it affords a covering for the ground much more quickly than the Blue Grass alone. It does not attain a sufficient height to make it valuable for hay purposes, but may be pastured.

The seed of White Clover is of a golden yellow color and rather small. It is used very extensively in Blue Grass pastures and in all lawn grass mixtures.

We carry only the best grade of this seed and can recommend it very highly. Price: Per lb. 85c. Postpaid. Per lb. 65c by freight of express at purchaser's expense.

MEDIUM RED CLOVER

Culture—Many of the best fields of Clover in the Northwest are the result of having been sown with a nurse crop, although this is not always necessary. When the conditions are ideal, it is advisable on new fields, using 10 to 12 lbs. of seed per acre.

For the farmer who rotates his crops 2 lbs. of seed may be put in where a small grain is to precede the Clover field. This will inoculate the soil in such a manner that a nurse crop the following year is unnecessary.

Two cuttings are common in a season. Often the first is cut for hay and the latter one for seed.

We have been very fortunate in securing Red Clover seed from some of the best growers in North Dakota and Northern Minnesota, and have carefully re-cleaned the seed, making it of an unexcelled grade. Clover that is acclimated to withstand the severe winter weather of the Northwest will be found much more satisfactory than that grown farther south in Iowa, Illinois and adjoining states. Price: Per lb., 45c. Postpaid. Per bu. \$21.00 by freight or express at purchaser's expense.

BUCKWHEAT

Culture—Seed 1 to 1½ bushels to the acre. Sow rather late but early enough to have the crop well developed before hard frost. Light well drained land is best.

Silver Hull—The variety is most grown and has proved to be the best variety for our climatic and soil conditions. The grain is light gray in color and the hull is very thin. Millers prefer this variety as it makes a whiter flour and shows less waste. Another point is the fact that Silver Hull remains in blossom longer than the other sorts making it one of the best bee pastures obtainable. This variety is a very heavy yielder producing

SPELTZ

Culture—Speltz is grown usually to provide feed for live stock and is adapted to conditions where the rain fall is light and the climate severe. Nearly all varieties of Speltz are sown in the spring and should be sown as soon as the ground will do to work. The crops are grown in the Mississippi Basin, but the best results on the whole are obtained under semi-arid conditions. The crop may be given almost any place in the rotation, it furnishes a valuable grain for all kinds of live stock, and has special adaption for horses as a substitute for oats. The land is usually plowed for Speltz in the fall. The grain is best sown with a drill. The quantities of seed to sow are about the same as rye, that is, from 10 pecks down to 6. The larger amounts are for moist conditions of soil. When overripe, the heads may break readily, as in the case of barley while being harvested.

Speltz is generally grown for feed in many sections of the Northwest and retains its popularity from year to year. The stock we are offering was grown for us by one of the best farmers in this section, the quality and cleanliness is unsurpassed by any seed you will be offered this season. Speltz yields well on almost any soil and under almost any condition. With more stock more Speltz should be raised. Price: Per bu. \$1.50 by freight or express at purchaser's expense. Bags extra at 45c.



Speltz

RAPE



Rape

Culture—Rape will succeed on any soil that is free from alkali, but prefers a loam, muck soil rich in vegetable matter. Rape may be sown from early in the spring until mid-summer, at the rate of about 4 lbs. of seed to the acre, burying the seed 1 to 2 inches deep. It is customary in hog pastures to have a dividing fence and only one field to be grazed at a time, thereby allowing a second growth to come and making a luxuriant pasture throughout the summer.

Dwarf Essex—Rape is ready to graze in about six weeks from the time of sowing and is relished by cattle, sheep or swine. For a hog pasture it may be sown alone or with a mixture of Barley, Oats and Field Peas. European grown seed is far superior to anything offered by the growers in the country and our stock is imported direct from one of the largest and best growers on the other side. **DO NOT MISTAKE THIS SEED FOR THAT WHICH IS BEING OFFERED AS "SOWING RAPE," AS OUR**

STOCK IS A GENUINE IMPORTED DWARF ESSEX VARIETY. Price: Per lb. 30c. Postpaid. Per lb. 15c by freight or express at purchaser's expense.

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OATS

Culture—Sow early, preferably on fall plowed land and at the rate of from one and one-half to two bushels per acre. Bury the seed at a depth of from one and one-half to three inches.

White Russian—A main crop oat. Our strain of White Russian is practical-ly rust proof. The berry is long, white, thin skinned and well borne on a stiff straw not liable to lodge. This oat is probably as well known as any oat grown in the Northwest. It is a good yielder and quite hardy. It will withstand unfavorable weather more readily than many varieties. Price: \$1.25 per bu. by freight or express at purchaser's expe-nc. Bags extra at 45c.

Swedish Select—Another oat well known over the Northwest. The berry is plump and well filled. The yield is heavy, the grain seldom weighing less than 40 pounds to the measured bushel. Our stock is well cleaned and free from foul seed. Price:: \$1.45 per bu. by freight or express at purchaser's expense. Bags extra at 45c.

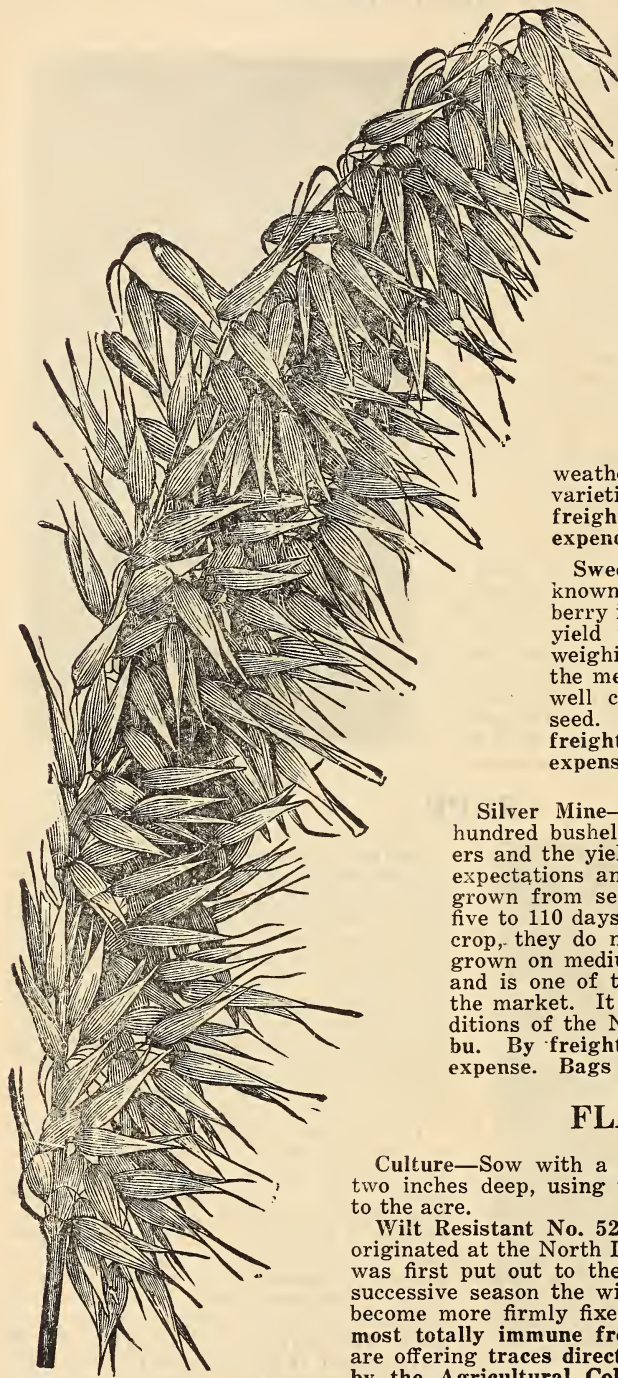
Silver Mine—Last Year we sold a few hundred bushels of this oat to local farmers and the yield was far in excess of their expectations and ahead of any of the oats grown from seed of local origin. Ninety-five to 110 days are required to produce the crop, they do not lodge readily so may be grown on medium land. The seed is white and is one of the best commercial oats on the market. It is well adapted for the conditions of the Northwest. Price: \$1.25 per bu. By freight or express at purchaser's expense. Bags extra at 45c.

FLAX

Culture—Sow with a drill, bury the seed one or two inches deep, using two or three pecks of seed to the acre.

Wilt Resistant No. 52—Seed of this Flax, which originated at the North Dakota Agricultural College, was first put out to the farmers in 1907 and each successive season the wilt resisting quantities have become more firmly fixed, making it at present almost totally immune from any wilt. The flax we are offering traces directly to the first seed put out by the Agricultural College and was grown from

seed that was certified last season. This flax shows a marked advantage over other varieties. Price: $\frac{1}{4}$ bu. \$1.35; $\frac{1}{2}$ bu. \$2.50; bu. \$4.50. Sacks extra at 45c.



WHEAT

Culture—Spring wheat like winter wheat will grow well on nearly all the soils of the Northwest, when they are put in proper condition, but it has the highest adaptation to medium loams. The brown soils of the Montana bench lands are especially well adapted to the growth of all kinds of wheat. On new prairie say from three to five crops may be taken in succession without serious injury to the land. On old land the same plan is not good which takes more than two crops in succession from the same land. In rotation spring wheat does well on summer fallow, after a crop of corn, potatoes or field roots that have been kept clean, after a crop of peas

and on timothy or clover sod. In some areas the best results are obtained from spring plowing, but usually better results will follow plowing the land to at least a reasonable depth in the fall. After corn, potatoes, or field roots, the land should be disked but not plowed and in all instances the seed bed should be well worked up. The amount of seed to sow should run from six to three pecks, the latter amount being sown in semi-arid areas. The seed should be sown as early as possible in the spring, and is usually buried to about three inches, using a press drill.



Marquis Wheat

MARQUIS

The King of Hard Wheat

This deservedly popular wheat was originated at the Central Experiment Station at Ottawa, Canada, by crossing the Red Fife and the Hard Calcutta, a native of India. It was first put out in small parcels to the best farmers of Western Canada. It has since made such rapid strides in popularity that it is the most talked of wheat in the Northwest. Its stiff straw, earliness in maturing, high yielding properties, and the unexcelled milling qualities go to give this wonderful wheat its title "The King of Hard Wheats. Prices on application.

RYE

It is of the winter and spring varieties. Winter rye will succeed on soils that would not sustain wheat. No cereal can gather food so rapidly from the soil. But like other crops it gives better yields as the soil improves. It will grow on sandy loams, even on soil that will lift with the wind. Rye is grown for the grain or to provide pasture or to bury as green manure. Winter rye may be sown from mid-summer onward, but it is always preferable to sow it early enough to make a good stand before winter. Should it become too strong it may be grazed. It is sometimes drilled into the stubble of a previous crop. Spring rye is preferably sown as soon as the soil will do to work, but may be sown on until June 1st. When preparing the land a firm, fine and moist seed bed should be sought. From 10 to 6 pecks of seed should be drilled in and put down to moist soil, even though four inches down, but a less depth will answer better. The heavy seeding is for pasture or green manure. When buried this should be done before it has passed the heading out stage. When grazed in the spring, other crops may follow. Rye will lodge less than any other cereal, unless Speltz.

Spring Rye—One of the surest crops for the Northwest. For grain or cutting green for hay it is extremely valuable. Prices on application.

I have to send to you for a good many dollars worth of seeds and I never used better seeds.

White Earth, N. D.

(Signed) MRS. WILL COLE.

MILLET

Culture—Millet is grown for hay, for seed or for turning under as green manure. The best results are had with Southern grown seed. Sow with a drill at the rate of one-half bushel to the acre.

Golden Millet—One of the lately developed millets, that as a hay producer is hard to equal. We have the seed grown for us in the south and when planted this far north will yield from two to four tons to the acre of high grade hay. As a catch crop this variety may be planted as late as the 10th of July and still make a good stand of forage. Price: $\frac{1}{4}$ bu. 90c; $\frac{1}{2}$ bu. \$1.60; bu. \$3.00 at purchaser's expense by freight or expense. New seamless sax extra at 45c.

Southern Grown German Millet—We secured our stock of this seed far enough south so that there is no question of it not producing a heavy luxuriant growth. It makes a fine quality of hay that is relished by stock of all kinds. Better, cleaner, more carefully selected seed will be hard to find than that that we offer. Price: $\frac{1}{4}$ bu. 90c; $\frac{1}{2}$ bu. \$1.60; bu. \$3.00 at purchaser's expense by freight or express. New seamless sax extra at 45c.



A Field of German Millet

Common Millet—The good qualities of this millet are numerous and among them. It is drought resistant, will produce a fair crop on poor soil, is one of the earliest, stools freely and makes a very fine quality of hay. We look for a heavy demand for this seed so would urge early orders. Price: \$2.50 per bu. by freight or express at purchaser's expense. Bags extra at 45c.

Siberian Millet—The seed is a bright orange color and is fast becoming justly popular with many of our most critical customers. It stools heavily and yields an abundance of fine hay which is greedily eaten by live stock or it can be left to fully mature for the seed, producing in many instances as high as 40 to 50 bushels to the acre. Price: $\frac{1}{4}$ bu. \$1.00; $\frac{1}{2}$ bu. \$1.90; bu. \$3.50 by freight or express at purchaser's expense. Bags extra at 45c.

Japanese Millet—The seed of Japanese Millet does not resemble any other variety of millet either in shape or color, it is a triangular shaped seed with a dark brownish color. Japanese Millet grows all the way from four to ten feet in height, depending upon the amount of moisture at hand. The hay is very sweet and makes an excellent ration for stock of all kinds. Japanese millet weighs 38 pounds to the bushel but is usually sold by the pound. Price: Pound by mail, postpaid, 25c. By freight or express at purchaser's expense, pound, 20c; 10 lbs. \$1.00; 50 lbs., \$4.00. 100 lbs. \$7.50.

Early Fortune Millet—The seed is a plump berry of a rich dark red color. This millet is not a hay producing millet but is grown for the seed. It is also grown to clean up foul land, some of the leading agriculturists recommend it very highly for this purpose. Price: $\frac{1}{4}$ bu. 90c; $\frac{1}{2}$ bu. \$1.60; bu. \$3.00 by freight or express at purchaser's expense. Sax extra at 45c.

BARLEY

Culture—Barley prefers a loam soil well stored with vegetable matter, sandy soils when fertilized will grow a superior quality of barley, but when not fertilized the crop will be light. On slough land it is apt to lodge. The best crops will usually follow summer fallow or a cultivated crop but such areas are commonly reserved for wheat. It is usually made to follow wheat, oats or flax. The six-rowed variety yields rather the best, but some of the two-rowed varieties, notably the Chevaier, stand high for malting. The aim should be to make the seed bed firm for barley as for other grain and sow it as a rule just after sowing the wheat. But as barley is

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grown sometimes with a view to aid destroying the weeds, under Northwestern conditions reasonably productive crops may be looked for when sown as late as the middle of June. When it is thus sown it is of course on spring plowed land which should be at once rolled, preferably with a corrugated roller or a sub-surface packer, and harrowed to keep in the moisture. From four to seven pecks of seed should be sown per acre to the depth of two or three inches and preferably with a press drill. For malting barley should be cut promptly, shocked and capped, in order to preserve the bright color of the grain.

Manchuria—A standard six-row barley that has been quite extensively grown for a number of years. It is a heavy yielder, has a stiff straw which prevents its lodging readily. The high feeding value combined with its malting qualities makes it one of the best barleys to raise. Prices on application.

POTATOES

Culture—Potatoes grow best in a rather cool climate and in a moist soil. The aim should be to put them in clover sod land, thoroughly pulverized, and to avoid planting them twice in succession on the same land, because of the danger of scab. To prevent scab it will be well to treat the seed with formaldehyde. The ground should be thoroughly and deeply pulverized. The crop is usually planted in drills three to five inches deep and from three to three and one-half feet distant. Medium sized tubers are sometimes planted whole, but more frequently the good sized tubers are cut into large pieces. They are planted from 15 to 21 inches apart. Frequent and thorough cultivation is necessary for the best results.

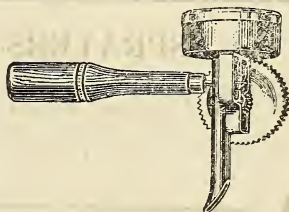
Early Ohio—The northwest's best known potato. It is so well and favorably known that a description is hardly necessary. Price: $\frac{1}{4}$ bu. 80c; $\frac{1}{2}$ bu. \$1.50; bu. \$2.50 by freight or express at purchaser's expense.

SPECIAL NOTICE: As Potatoes are easily damaged by frost they can not be shipped until weather conditions are favorable.

In mixed orders your seeds will be shipped on the day the order is received. Potatoes later as explained above.

PERFECTION DRILL AND GARDEN SEEDER

Here is a time and labor saver adapted to either large or small gardens. The Perfection drill and Seeder is simple, practical and rapid in operation. The seed is sown at just the right depth, at proper and equal distance apart and with the correct amount of seed in each spot. This handy tool is as much ahead of hand sowing as the corn planter is ahead of sowing corn by hand. The picture above gives you a good idea of how the Perfection looks ready for use. High grade pressed steel and cast iron construction. All parts accurately machined. Fitted with the best aluminum gears. Built to last a lifetime.



FOR THE HOME GARDEN

The ideal tool for garden use—just right for small vegetables and flower seeds.

The Perfection does your seeding in one-fifth to one-sixth the time it takes by hand.

The ratchet wheel runs on a board, the thickness of the board gauges depth of seeding and this you can also regulate by the angle at which the tool is held.

If labor and time saving machines are good for farm work, surely a Perfection Drill and Seeder is needed by every gardener, for it saves time, labor, seed and money.

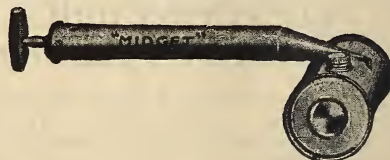
At the price we ask for these tools every gardener can well afford to buy one. **Price Postpaid Only \$2.00.**

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Flax	44	Squash	31
Herbs	23-24	Sudan Grass	40
Garden Tools	48 Back Cover	Sunflower	41
Gourds	11	Timothy	41
Kale	10	Tomatoes	21-22
Kentucky Blue Grass	41-42	Turnips and Rutabaga	22
Kohl Rabi	10	Vegetable Plants	24
Lawn Grass	23	Watermelons	13
Leek	12	Wheat	45

SPRAYERS

MIDGET—A small sprayer for house use. with handle disinfectants, bug-poisons, etc., etc. Length over all, 14 inches. Made of heavy tin. Holds one pint. Price 30c. Postpaid.



NEW MISTY—A general purpose sprayer, for farm, stable or garden uses. Handles fly-oils, bug-poisons and disinfectants. Has a large powerful pump. Lock seamed can. Made of heavy tin. Tank 4x4 1-2 inches. Length over all 24 inches. Holds one quart. Price 50c. Postpaid.

PERFECTION — For spraying, disinfecting or whitewashing, on plants, bushes, vines, etc. Made of heavy metal, with few parts, strong in construction, powerful in action. Pump has bronze ball valve and is fastened to the top of the tank with heavy threads. Tank 7 1-2 by 20 inches, lock seamed with 26 rivets. Hose attached with clamps. Furnished with automatic shut-off nozzles which will handle whitewash and thin liquids without change of parts. Made of Galvanized Steel or Brass. Weight packed 12 pounds.

Galvanized—Price \$6.50.
F. O. B. Valley City by Freight or Express.

